



TEST REPORT

Party Code : A/DLH/19526
*Issued to : Ajay Dalal

RZ-10, Baba Haridas Nagar, Near New Anaj Mandi,
Najafgarh, New Delhi-110043 -

*Sample Name : MDH Lal Mirchi Powder

*Mfg. by : Mahashian Di Hatti Pvt. Ltd.

*Mfg. Date : 08/2025

*Exp.Date/Best Before : 08/2026

ULR : TC1122026100000279F

REPORT NO. : FS0117003826/N

*Customer Ref.No. : NS

*Reference Date : 17/01/2026

Date of Receiving : 17/01/2026

Date of Issue : 31/01/2026

Start Date of Analysis : 17/01/2026

Date of Completion : 22/01/2026

Sample Condition : OK

Sample Packing : Polypack

*FSSAI Lic. No : NS

*Sample Qty. : 03x100 gm

*Batch No./Lot No. : SP-006

Test Method Deviation : NA

Sample Collection : Sample Collected By Us

RESULTS OF ANALYSIS

Reference : as per Party's Requirement

Description : Mirchi Powder					
S.No.	Test Parameters	Units	Results	Limit (as per FSSR-2011)	Test Method
1	Total Ash (ODB)	%	6.69	NMT 8.0	IS 1797:2017
2	Moisture	%	9.42	NMT 11.0	IS 1797:2017
3	Crude fiber	%	19.07	NMT 30.0	IS 1797:2017
4	Ash insoluble in dilute HCL (ODB)	%	0.57	NMT 1.3	FSSAI 10.007:2021
5	Non volatile ether extract (ODB)	%	15.67	NLT 12	FSSAI 10.012:2021
6	Free from dirt	-	Free from dirt	It shall be free from dirt	SIMA/FDL/STP/001
7	Free from mould	-	Free from mould	It shall be Free from mould	SIMA/FDL/STP/001
8	Free from living insects	-	Free from living insects	It shall be Free from living insect	SIMA/FDL/STP/001
9	Free from dead insects	-	Free from dead insects	It shall be Free from dead insect	SIMA/FDL/STP/001
10	Free from insect fragments	-	Free from insect fragments	It shall be Free from insect fragments	SIMA/FDL/STP/001



Rupa Rani
Reviewed By

Pratibha Rawat
Tech. Manager Micro

Authorized Signatory

Bhoopendra Singh
Tech. Manager

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Phone : +(91)-(011) 43854300

Email : reports@simalab.com

CIN No : U74899DL1988PTC031785

Website : www.simalab.net | www.simalab.com

**TEST REPORT****ULR : TC1122026100000279F**

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S.No.	Test Parameters	Units	Results	Limit (as per FSSR-2011)	Test Method
11	Free from rodent contamination	-	Free from rodent contamination	It shall be Free from rodent contamination	SIMA/FDL/STP/001
12	Free from extraneous colouring matter	-	Free from extraneous colouring matter	It shall be Free from extraneous colouring matter	SIMA/FDL/STP/001
13	Free from flavouring matter	-	Free from flavouring matter	It shall be Free from flavouring matter	SIMA/FDL/STP/001
14	Free from harmful substances	-	Free from harmful substances	It shall be Free from harmful substances	SIMA/FDL/STP/001

Pesticide residues:

15	2,4-D Amine Salt	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
16	2,4-Dichlorophenoxy Acetic Acid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
17	Abamectin	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
18	Acephate (expressed as mixture of Methamidophos & acephate)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
19	Acetamiprid	mg/kg	BLQ (LOQ 0.01)	Max. 20	SIMA/INS/STP/003
20	Alachlor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
21	Alpha Cypermethrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
22	Alpha naphthyl Acetic Acid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
23	Ametroctradin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
24	Ametyrn	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
25	Anilophos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
26	Atrazine	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
27	Azimsulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
28	Azoxystrobin	mg/kg	BLQ (LOQ 0.01)	Max. 10	SIMA/INS/STP/003
29	Benfuracarb	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
30	Benomyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
31	Bensulfuron Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
32	Bentazone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
33	Beta Cyfluthrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
34	Bifenthrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
35	Bispyribac Sodium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003



Rupa Rani
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Reviewed By

Pratibha Rawat
Pratibha Rawat
Tech. Manager Micro

Authorized Signatory
Bhoopendra Singh
Bhoopendra Singh
Tech. Manager

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S.No.	Test Parameters	Units	Results	Limit (as per FSSR-2011)	Test Method
36	Bitertanol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
37	Boscalid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
38	Buprofezin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
39	Butachlor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
40	Captan	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
41	Carbaryl	mg/kg	BLQ (LOQ 0.01)	Max. 50	SIMA/INS/STP/003
42	Carbendazim	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
43	Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
44	Carbosulfan	mg/kg	BLQ (LOQ 0.01)	Max. 20	SIMA/INS/STP/003
45	Carfentrazone Ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
46	Carpropamid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
47	Cartap Hydrochloride	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
48	Chlorantraniliprole	mg/kg	BLQ (LOQ 0.01)	Max. 6.0	SIMA/INS/STP/003
49	Chlorfenapyr	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
50	Chlorfluazuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
51	Chlorimuron ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
52	Chlormequat Chloride (CCC)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
53	Chlorothalonil	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
54	Chlorpropham	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
55	Chlorpyrifos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
56	Chlothianidin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
57	Chromafenozide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
58	Cinmethylen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
59	Clodinafop-propargy	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
60	Clomazone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
61	Copper Hydroxide (Copper determined as elemental copper)	mg/kg	8.644	Max. 30	SIMA/INS/STP/004
62	Copper Oxychloride (Copper determined as elemental copper)	mg/kg	8.644	Max. 30	SIMA/INS/STP/004
63	Copper Sulphate (Copper determined as	mg/kg	8.644	Max. 30	SIMA/INS/STP/004

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Reviewed By*Pratibha Rawat*Pratibha Rawat
Tech. Manager Micro**Authorized Signatory***Bhoopendra Singh*Bhoopendra Singh
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63	elemental copper)				
64	Cuprous Oxide (Copper determined as elemental copper)	mg/kg	8.644	Max. 30	SIMA/INS/STP/004
65	Cyantranilipole	mg/kg	BLQ (LOQ 0.01)	Max. 5.0	SIMA/INS/STP/003
66	Cyazofamid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
67	Cyflumetofen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
68	Cyhalofop-butyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
69	Cymoxanil	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
70	Cypermethrin (sum of isomers)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
71	Deltamethrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
72	Diafenthuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
73	Dichlorvos (DDVP)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
74	Diclofop	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
75	Diclosulam	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
76	Dicofol	mg/kg	BLQ (LOQ 0.01)	Max. 10	SIMA/INS/STP/003
77	Difenoconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.1	SIMA/INS/STP/003
78	Diflubenzuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
79	Dimethoate	mg/kg	BLQ (LOQ 0.01)	Max. 5	SIMA/INS/STP/003
80	Dimethomorph	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
81	Dinocap	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
82	Dinotefuran	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
83	Dithianon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
84	Dithiocarbamates as CS ₂	mg/kg	BLQ (LOQ 0.01)	Max. 10	SIMA/INS/STP/003
85	Diuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
86	Dodine	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
87	Edifenphos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
88	Emamectin Benzoate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
89	Epoxyconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
90	Ethephon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
91	Ethion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
92	Ethofenprox	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003

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TC-11220

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93	Ethoxysulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
94	Etozazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
95	Famoxadone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
96	Fenamidon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
97	Fenarimol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
98	Fenazaquin	mg/kg	BLQ (LOQ 0.01)	Max. 5	SIMA/INS/STP/003
99	Fenobucarb (BPMC)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
100	Fenoxaprop-p-ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
101	Fenpropathrin	mg/kg	BLQ (LOQ 0.01)	Max. 2	SIMA/INS/STP/003
102	Fenpyroximate	mg/kg	BLQ (LOQ 0.01)	Max. 10	SIMA/INS/STP/003
103	Fenvalerate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
104	Fipronil	mg/kg	BLQ (LOQ 0.01)	Max. 0.1	SIMA/INS/STP/003
105	Flonicamid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
106	Fluazifop-p-butyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
107	Flubendiamide	mg/kg	BLQ (LOQ 0.01)	Max. 0.2	SIMA/INS/STP/003
108	Flucetosulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
109	Fluchloralin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
110	Flufenacet	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
111	Fluopicolide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
112	Fluopyram	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
113	Flupyradifurone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
114	Flusilazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.1	SIMA/INS/STP/003
115	Fluvalinate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
116	Fluxapyroxad	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
117	Fomesafen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
118	Forchlorfenuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
119	Fosetyl-Al	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
120	Glufosinate Ammonium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
121	Glyphosate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
122	Halosulfuron methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
123	Haloxypop-R Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003

*Rupa Rani*Rupa Rani
Reviewed By*Pratibha Rawat*Pratibha Rawat
Tech. Manager Micro**Authorized Signatory***Bhoopendra Singh*Bhoopendra Singh
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REPORT NO. : FS0117003826/N

S.No.	Test Parameters	Units	Results	Limit (as per FSSR-2011)	Test Method
124	Hexaconazole	mg/kg	BLQ (LOQ 0.01)	Max. 5	SIMA/INS/STP/003
125	Hexazinone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
126	Hexythiazox	mg/kg	BLQ (LOQ 0.01)	Max. 0.1	SIMA/INS/STP/003
127	Hydrogen Cyanamide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
128	Imazamox	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
129	Imazethapyr	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
130	Imidacloprid	mg/kg	BLQ (LOQ 0.01)	Max. 3	SIMA/INS/STP/003
131	Indoxacarb	mg/kg	BLQ (LOQ 0.01)	Max. 0.1	SIMA/INS/STP/003
132	Iodosulfuron Methyl Sodium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
133	Iprobenfos (Kitazin)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
134	Iprodione	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
135	Isoprothiolane	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
136	Isoproturon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
137	Kasugamycin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
138	Kresoxim Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 1.5	SIMA/INS/STP/003
139	Lambda cyhalothrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
140	Linuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
141	Lufenuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
142	Malathion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
143	Mandipropamid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
144	Mepiquat Chloride	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
145	Mesosulfuron Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
146	Metaflumizone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
147	Metalaxyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
148	Metalaxyl-M	mg/kg	BLQ (LOQ 0.01)	Max. 0.2	SIMA/INS/STP/003
149	Methabenzthiazuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
150	Methomyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
151	Methyl Chlorophenoxy Acetic Acid (MCPA)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
152	Methyl Parathion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
153	Metolachlor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003



Rupa Rani
 Rupa Rani
 Reviewed By

Pratibha Rawat
 Pratibha Rawat
 Tech. Manager Micro

Authorized Signatory
Bhoopendra Singh
 Bhoopendra Singh
 Tech. Manager

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TEST REPORT

ULR : TC1122026100000279F

Party Code : A/DLH/19526

REPORT NO. : FS0117003826/N

S.No.	Test Parameters	Units	Results	Limit (as per FSSR-2011)	Test Method
154	Metrafenone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
155	Metribuzin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
156	Metsulfuron Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
157	Milbemectin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
158	Monocrotophos	mg/kg	BLQ (LOQ 0.01)	Max. 2	SIMA/INS/STP/003
159	Myclobutanil	mg/kg	BLQ (LOQ 0.01)	Max. 2	SIMA/INS/STP/003
160	Novaluron	mg/kg	BLQ (LOQ 0.01)	Max. 0.1	SIMA/INS/STP/003
161	Orthosulfamuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
162	Oxadiazon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
163	Oxadiargyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
164	Oxydemeton-Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 20	SIMA/INS/STP/003
165	Oxyfluorfen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
166	Paclobutrazol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
167	Paraquat dichloride	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
168	Penconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
169	Pencycuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
170	Pendimethalin	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
171	Penoxuslum	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
172	Permethrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
173	Phorate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
174	Phorate sulfone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
175	Phorate sulfoxide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
176	Phosalone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
177	Picoxystrobin	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
178	Pinoxaden	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
179	Pirimiphos-methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
180	Pretilachlor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
181	Profenofos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
182	Prohexadione calcium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
183	Propanil	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
184	Propaquizafop	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003



Rupa Rani
Rupa Rani
Reviewed By

Pratibha Rawat
Pratibha Rawat
Tech. Manager Micro

Authorized Signatory
Bhoopendra Singh
Bhoopendra Singh
Tech. Manager

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Sophisticated Industrial Materials
Analytic Labs Pvt. Ltd.

(GOVT. APPROVED TESTING LABORATORIES)

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Phone : +(91)-(011) 43854300
Email : reports@simalab.com
CIN No : U74899DL1988PTC031785
Website : www.simalab.net | www.simalab.com



TEST REPORT

ULR : TC1122026100000279F

Party Code : A/DLH/19526

REPORT NO. : FS0117003826/N

S.No.	Test Parameters	Units	Results	Limit (as per FSSR-2011)	Test Method
185	Propargite	mg/kg	BLQ (LOQ 0.01)	Max. 20	SIMA/INS/STP/003
186	Propiconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
187	Propineb	mg/kg	BLQ (LOQ 0.01)	Max. 20	SIMA/INS/STP/003
188	Pymetrozine	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
189	Pyraclostrobin	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
190	Pyrazosulfuron ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
191	Pyridalyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.2	SIMA/INS/STP/003
192	Pyriproxyfen	mg/kg	BLQ (LOQ 0.01)	Max. 0.2	SIMA/INS/STP/003
193	Pyriotholac Sodium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
194	Quinalphos	mg/kg	BLQ (LOQ 0.01)	Max. 2	SIMA/INS/STP/003
195	Quizalofop ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
196	Quizalofop-P-tefuryl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
197	Sodium Acefloufen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
198	Sodium Para Nitro Phenolate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
199	Spinetoram	mg/kg	BLQ (LOQ 0.01)	Max. 0.5	SIMA/INS/STP/003
200	Spinosad	mg/kg	BLQ (LOQ 0.01)	Max. 0.1	SIMA/INS/STP/003
201	Spiromesifen	mg/kg	BLQ (LOQ 0.01)	Max. 1	SIMA/INS/STP/003
202	Spirotetramat	mg/kg	BLQ (LOQ 0.01)	Max. 20	SIMA/INS/STP/003
203	Sulfentrazone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
204	Sulfosulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
205	Sulfoxaflor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
206	Sum of benomyl and carbendazim expressed as carbendazim	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
207	Tebuconazole	mg/kg	BLQ (LOQ 0.01)	Max. 4	SIMA/INS/STP/003
208	Tembotrione	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
209	Tetraconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
210	Thiacloprid	mg/kg	BLQ (LOQ 0.01)	Max. 0.2	SIMA/INS/STP/003
211	Thiamethoxam	mg/kg	BLQ (LOQ 0.01)	Max. 5	SIMA/INS/STP/003
212	Thifluzamide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
213	Thiocyclam Hydrogen Oxalate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
214	Thiodicarb	mg/kg	BLQ (LOQ 0.01)	Max. 0.1	SIMA/INS/STP/003



Rupa Rani
Rupa Rani
Reviewed By

Pratibha Rawat
Pratibha Rawat
Tech. Manager Micro

Authorized Signatory
Bhoopendra Singh
Bhoopendra Singh
Tech. Manager

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TEST REPORT

ULR : TC1122026100000279F

Party Code : A/DLH/19526

REPORT NO. : FS0117003826/N

S.No.	Test Parameters	Units	Results	Limit (as per FSSR-2011)	Test Method
215	Thiometon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
216	Thiometon sulfoxide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
217	Thiophanate-Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
218	Tolfenpyrad	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
219	Topramezone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
220	Triaccontanol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
221	Triadimefon	mg/kg	BLQ (LOQ 0.01)	Max. 4	SIMA/INS/STP/003
222	Triallate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
223	Triazophos	mg/kg	BLQ (LOQ 0.01)	Max. 2	SIMA/INS/STP/003
224	Triasulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
225	Trichlorfon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
226	Tricyclazole	mg/kg	BLQ (LOQ 0.01)	Max. 3	SIMA/INS/STP/003
227	Tridemorph	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
228	Trifloxystrobin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
229	Trifluralin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
230	Validamycin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
231	Aldicarb	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
232	Aldrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
233	Chlordane (Total of cis- and trans-chlordane)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
234	Dieldrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
235	Heptachlor (heptachlor metabolite, heptachlor epoxide)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
236	Lindane (Gamma HCH), Alpha HCH, Beta HCH & delta-HCH)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
237	Endosulfan (Total of alpha endosulfan & beta endosulfan and endosulfan sulphate)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
238	Phosphamidon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
239	Captafol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
240	Ferbam	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
241	Formothion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003



Rupa Rani
Rupa Rani
Reviewed By

Pratibha Rawat
Pratibha Rawat
Tech. Manager Micro

Authorized Signatory
Bhoopendra Singh
Bhoopendra Singh
Tech. Manager

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TEST REPORT

ULR : TC1122026100000279F

Party Code : A/DLH/19526

REPORT NO. : FS0117003826/N

S.No.	Test Parameters	Units	Results	Limit (as per FSSR-2011)	Test Method
242	Simazine	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
243	Diazinon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
244	Fenitrothion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
245	Fenthion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
246	Ethyl Parathion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
247	DDT (Total of p,p'-DDT, o,p'-DDT, p,p'-DDE, o,p'-DDE, p,p'-DDD & o,p'-DDE)	mg/kg	BLQ (LOQ 0.01)	Max. 0.05	SIMA/INS/STP/003
Heavy metals:					
248	Lead (as Pb)(ODB)	mg/kg	0.243	Max. 5.0	SIMA/INS/STP/003
249	Arsenic (as As)	mg/kg	0.059	Max. 1.5	SIMA/INS/STP/003
250	Cadmium (as Cd)	mg/kg	0.060	Max. 1.0	SIMA/INS/STP/003
251	Mercury (as Hg)	mg/kg	BLQ (LOQ 0.20)	Max. 30	SIMA/INS/STP/003
252	Copper (as Cu)	mg/kg	8.644	Max. 250	SIMA/INS/STP/003
253	Tin (as Sn)	mg/kg	BLQ (LOQ 0.100)	Max 0.250	SIMA/INS/STP/003
Other contaminations:					
254	Melamine	mg/kg	BLQ (LOQ 0.25)	Max. 2.5	SIMA/INS/STP/024
Crop contaminants					
255	Total Aflatoxin	µg/kg	BLQ (LOQ 4.0)	Max. 30	SIMA/INS/STP/006
256	Aflatoxin B1	µg/kg	BLQ (LOQ 1.0)	Max. 15	SIMA/INS/STP/006
Microbiological parameters:					
257	Salmonella	per 25g	Absent	Absent	IS 5887(P-3) Sec. 1:2020
258	Staphylococcus aureus	cfu/g	<10	Max 1 X 10 ³	IS 5887 (P-2):1976
259	Enterobacteriaceae	cfu/g	<10	Max 1 X 10 ³	ISO 21528 (P-2):2017
260	Yeast & Mould count	cfu/g	<10	Max 1 X 10 ⁵	IS 5403:1999
261	Sulphite Reducing Clostridia	cfu/g	<10	Max 1 X 10 ³	ISO 15213-1:2023
262	B.cereus	cfu/g	<10	Max 1 X 10 ⁴	IS:5887(P-6):2012
263	Aerobic Colony Count	cfu/g	1.07x10 ³	Max 1 X 10 ⁷	IS:5402(P-1):2021



Rupa Rani
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Authorized Signatory
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Tech. Manager Micro
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TEST REPORT

ULR : TC1122026100000279F

REPORT NO. : FS0117003826/N

Party Code : A/DLH/19526

Remark : The submitted sample conforms to the requirement of Food Safety and Standards Regulation (2011) with respect to above specified test parameters only.

BLQ = Below Limit of Quantification. , LOQ = Limit of Quantification

--- End of Test Report ---



Rupa Rani
Rupa Rani
Reviewed By

Pratibha Rawat
Pratibha Rawat
Tech. Manager Micro

Authorized Signatory

Bhoopendra Singh
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4. This Test Report is not to be reproduced wholly or in part as evidence in the Court of law without written permission from SIMA Labs Pvt. Ltd.
5. The Test Report should not be used wholly or in part in any advertising media without written permission from SIMA Labs Pvt. Ltd.
6. The sample(s) of Drugs & Cosmetics will be destroyed after one year, Perishable samples (Other than Drugs & Cosmetics) will be destroyed after 7 days and non perishable samples will be destroyed after 30 days of the date of issue of Test Report or unless otherwise specified.
7. SIMA Labs Pvt. Ltd. will not be held responsible for the authenticity of any photocopied, forged and or partially presented test reports.
8. SIMA Labs Pvt. Ltd. will ensure all corrective action as per our policy in case of any discrepancy in any sample tested by SIMA Labs Pvt. Ltd.
9. Re-testing charges will be applicable in case the results are reproducible.
10. Duplicable copy will be issued on chargeable basis.
11. SIMA Stands for : Sophisticated Industrial Materials Analytic

* Indicates details provided by the customer

Page : 11 of 11

SB



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& Scope

**SIMA LABS****Sophisticated Industrial Materials
Analytic Labs Pvt. Ltd.**

(GOVT. APPROVED TESTING LABORATORIES)

Address : A-3/7, Mayapuri Industrial Area,
Ph-II, New Delhi - 110064

Phone : +(91)-(011) 43854300

Email : reports@simalab.com

CIN No : U74899DL1988PTC031785

Website : www.simalab.net | www.simalab.com

**TEST REPORT**Party Code : A/DLH/19526
*Issued to : Ajay DalalRZ-10, Baba Haridas Nagar, Near New Anaj Mandi,
Najafgarh, New Delhi-110043 -

*Sample Name : MDH Lal Mirchi Powder

*Mfg. by : Mahashian Di Hatti Pvt. Ltd.

*Mfg. Date : 08/2025

*Exp.Date/Best Before : 08/2026

REPORT NO. : FS0117003826/O

*Customer Ref.No. : NS

*Reference Date : 17/01/2026

Date of Receiving : 17/01/2026

Date of Issue : 31/01/2026

Start Date of Analysis : 17/01/2026

Date of Completion : 22/01/2026

Sample Condition : OK

Sample Packing : Polypack

*FSSAI Lic. No : NS

*Sample Qty. : 03x100 gm

*Batch No./Lot No. : SP-006

Test Method Deviation : NA

Sample Collection : Sample Collected By Us

RESULTS OF ANALYSIS

Reference : as per Party's Requirement

	Test Parameters	Units	Results	Limit (as per FSSR-2011)	Test Method
1	Sudan Dye	-	Absent	Absent	SIMA/FDL/STP/001
2	Rhodamine B	-	Absent	Absent	SIMA/FDL/STP/001
Heavy metals:					
3	Methyl Mercury (Calculated as the element)	mg/kg	BLQ (LOQ 0.20)	Max. 2.5	SIMA/INS/STP/003

Remark : The submitted sample conforms to the requirement of Food Safety and Standards Regulation (2011) with respect to above specified test parameters only.

BLQ = Below Limit of Quantification. , LOQ = Limit of Quantification

--- End of Test Report ---

Rupa Rani
Reviewed ByPratibha Rawat
Tech. Manager MicroAuthorized Signatory
Bhoopendra Singh
Tech. Manager

Remarks: 1. This Test Report is not valid without a hologram.

- The Results listed refer only to the above tested sample & applicable parameters. Endorsement of products is neither inferred nor implied.
- Liability of laboratory is limited to the invoiced amount only. Any dispute arising out of this report shall be subject to Delhi jurisdiction only.
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- Re-testing charges will be applicable in case the results are reproducible.
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- SIMA Stands for : Sophisticated Industrial Materials Analytic

* Indicates details provided by the customer

		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064		Page 1 of 1
Doc. Name: Record of Analysis (Raw Data Sheet)				
Doc. No.: 7.4/F-04		Sect. No. 7.4		Section Title: Process Requirements (Handling of Test Items)
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	 FS0117033826 MDH Lal Mirchi Powder
Name of Sample:			Potency	Amend Date: 3
Batch No.:			Sample Code	Batch No. SP-005

Free from dirt -

Free from mold -

Free from living insects -

Free from dead insects -

Free from insect fragments -

Free from rodent fragments -

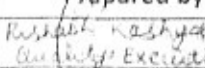
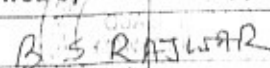
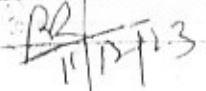
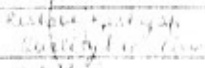
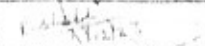
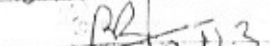
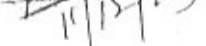
Free from extraneous colouring matter -

Free from mineral oil -

Free from harmful substances -

Done by

Checked By

	Prepared by 	Reviewed by 	Approved by 	Issued by 
Name & Designation	Rishabh Kashyap Quality Executive	B. S. RAJWAR		Rishabh Kashyap Quality Executive
Signature & Date				

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		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064		Page 1 of 1	
Doc. Name: Record of Analysis (Raw Data Sheet)					
Doc. No.: 7.4/F-04		Sect. No. 7.4		Section Title: Process Requirements (Handling of Test Items)	
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	Amend. No.: 01	Amend. Date:  FS01170J3826 MDH Lal Mirchi Powder
Name of Sample:			Potency :		
Batch No. :			Sample Code :		

Batch No. SP-003

Moisture :- S.wt — 25.4777g

Volume Collected — 2.4ml

$$\frac{2.4 \times 100}{25.4777} = 9.42\%$$

Total Ash :-
(ODB)

Empty — 36.8762g
S.wt — 2.0027g
Final — 36.9976g

$$\frac{(36.9976 - 36.8762) \times 100 \times 100}{2.0027 \times (100 - 9.42)} = 6.69\%$$

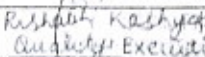
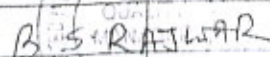
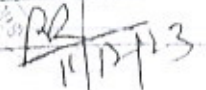
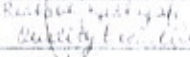
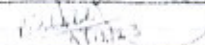
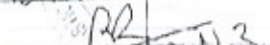
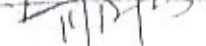
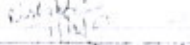
AIA :-
(ODB)

Empty — 36.8762g
S.wt — 2.0027g
Final — 36.8866g

$$\frac{(36.8866 - 36.8762) \times 100 \times 100}{2.0027 \times (100 - 9.42)} = 0.57\%$$


Done by


Checked By

	Prepared by 	Reviewed by 	Approved by 	Issued by 
Name & Designation	Rishabh Kashyap Analyst, Excise	B. S. RAJWAR Analyst	B. S. RAJWAR Analyst	Rishabh Kashyap Analyst, Excise
Signature & Date	 11/12/23	 11/12/23	 11/12/23	 11/12/23

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		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064		Page 1 of 1
Doc. Name: Record of Analysis (Raw Data Sheet)				
Doc. No.: 7.4/F-04		Sect. No. 7.4		Section Title: Process Requi
Issue No.: 01	Issue Date: 10.01.2022	Rev. No.: 01	Rev. Date: 11.12.23	Handling of Test Items FS011703826 MDH Lal Mirchi Powder
Name of Sample:			Potency	Batch No. SP-003
Batch No. :			Sample Code	

Crude Fiber - S.wt - 2.5027g

Crucible after Oven - 48.7494g

Crucible after Muffle - 48.2721g

$$\frac{(48.7494 - 48.2721) \times 100}{2.5027} = 19.07\%$$

Non-Volatile Ether Extract - S.wt - 5.0062g

(ODB)

Empty wt - 87.6826g

Final wt - 88.3930g

$$\frac{(88.3930 - 87.6826) \times 100 \times 100}{5.0062 \times (100 - 9.42)} = 15.67\%$$

Sudan dye - Absent

Rhodamine B - Absent

} No Red color appears

Done by

Checked By

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rishabh Kashyap Analytical Executive	B. S. RAJWAR		Rishabh Kashyap Analytical Executive
Signature & Date	Rishabh Kashyap 10/12/23	BR 11/12/23		Rishabh Kashyap 11/12/23

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		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064				Page 1 of 1
Doc. Name: Record of Analysis (Raw Data Sheet)						
Doc. No.: 7.4/F-04		Sect. No. 7.4		Section Title: Process Requirements (Handling of Test Items)		
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	Amend. No.: 01	Amend. Date: 11.12.23	
Name of Sample:			Potency :	 FS0117003826		
Batch No. :			Sample Code :	 MDH Lal Mirchi Powder		

Batch No. SP-006

AFLATOXIN

SIMA/INS/STP/006

Sample Weight = 5.0089g
Volumn = 10ml

Result= Total Aflatoxin =BLQ (LOQ 4.0)µg/kg

AFLATOXIN B1 = BLQ (LOQ 1.0)µg/kg

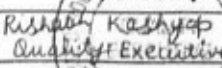
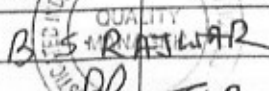
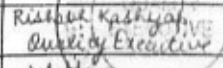
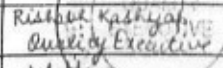
MELAMINE

SIMA/INS/STP/024

Sample Weight = 2.2893g
Volumn = 14 ml
Dilution Factor = 7
Result= BLQ (LOQ 0.25)mg/kg

Done by 

Checked By 

Prepared by  Name & Designation Rishabh Kashyap Quality Executive	Reviewed by  Signature & Date B. S. Rasthwar 11/12/23	Approved by  Signature & Date Rishabh Kashyap 11/12/23	Issued by  Signature & Date Rishabh Kashyap 11/12/23
--	---	---	---

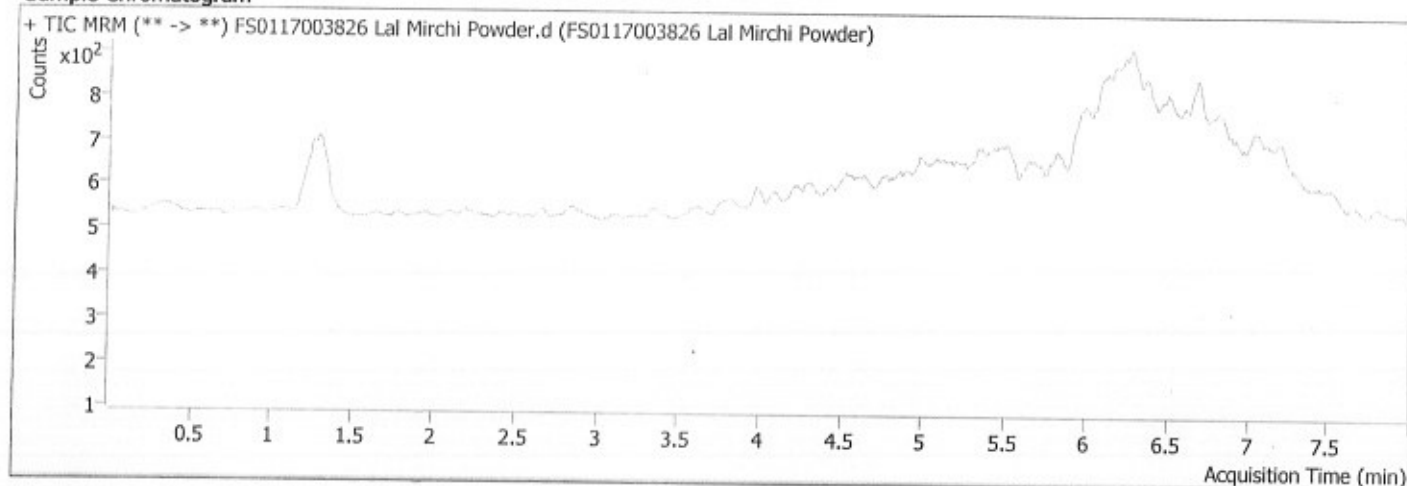
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Quantitative Analysis Sample Report

Batch Path	D:\MassHunter\Data\2026\Jan_2026\22.01.2026_Aflatoxin\QuantResults\Aflatoxin.batch.bin		
Analysis Time	1/23/2026 11:53 AM	Analyst Name	LCMSMS\LC-MSMS1
Report Time	1/23/2026 11:53:43 AM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/23/2026 11:53 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/22/2026 10:35 PM	Data File	FS0117003826 Lal Mirchi Powder.d
Sample Type	Sample	Sample Name	FS0117003826 Lal Mirchi Powder
Dilution	1	Acq. Method	Afla_trail.m

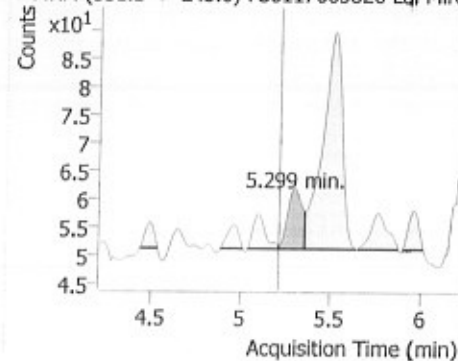
Sample Chromatogram



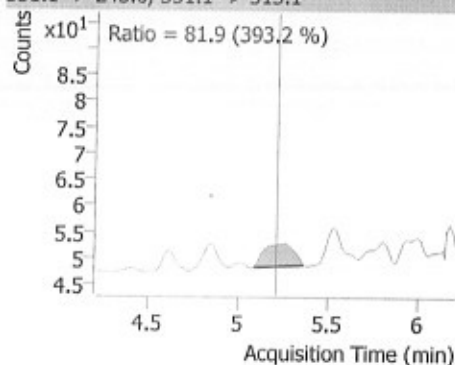
Compound	Transition	RT	Resp.	Final Conc	Units
AFLA-G2	331.1 -> 245.0	5.299	59	0.1601	ng/ml
AFLA-B2	315.1 -> 287.1	5.361	107	0.1957	ng/ml
AFLA-G1	329.1 -> 243.1	5.166	414	0.1437	ng/ml
AFLA-B1	313.1 -> 241.0	5.353	25	0.1225	ng/ml

AFLA-G2

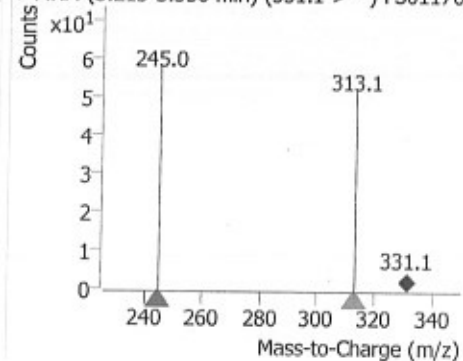
+ MRM (331.1 -> 245.0) FS0117003826 Lal Mirchi



331.1 -> 245.0, 331.1 -> 313.1



+ MRM (5.213-5.356 min) (331.1->**) FS0117003826 Lal Mirchi Powder.d

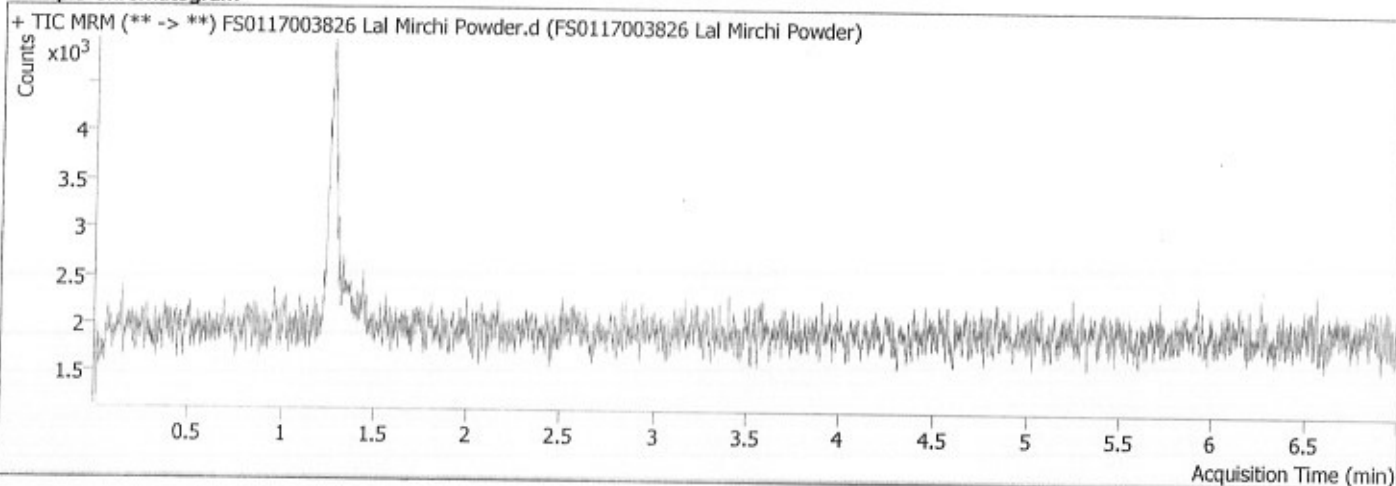


Quantitative Analysis Sample Report



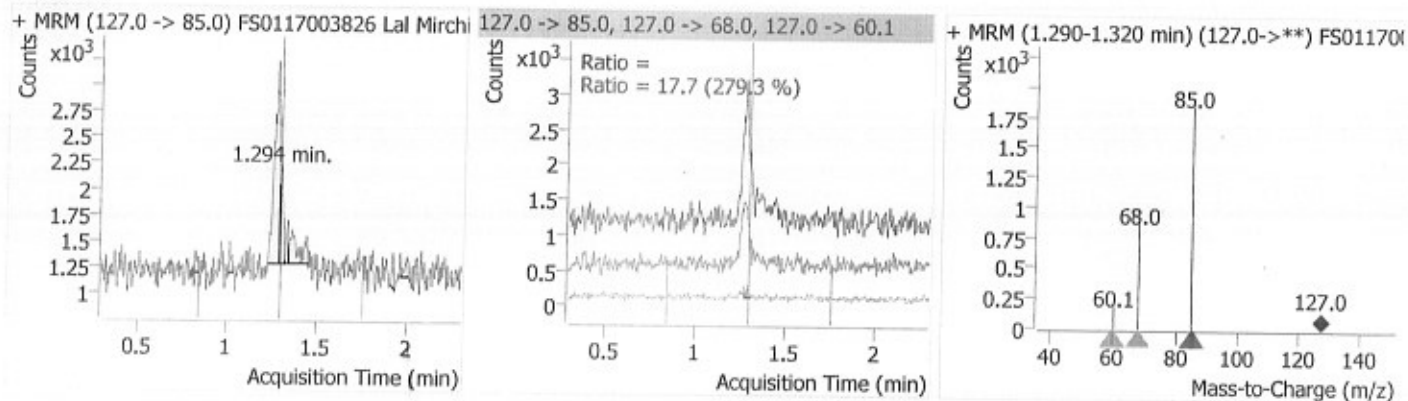
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Analysis Time	1/21/2026 9:56 AM	Analyst Name	LCMSMS\LC-MSMS1
Report Time	1/21/2026 9:57:01 AM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/21/2026 9:56 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/20/2026 3:02 PM	Data File	FS0117003826 Lal Mirchi Powder.d
Sample Type	Sample	Sample Name	FS0117003826 Lal Mirchi Powder
Dilution	1	Acq. Method	Melamine_2024.m

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Melamine	127.0 -> 85.0	1.294	1002	0.0889	ng/ml

Melamine



8

8

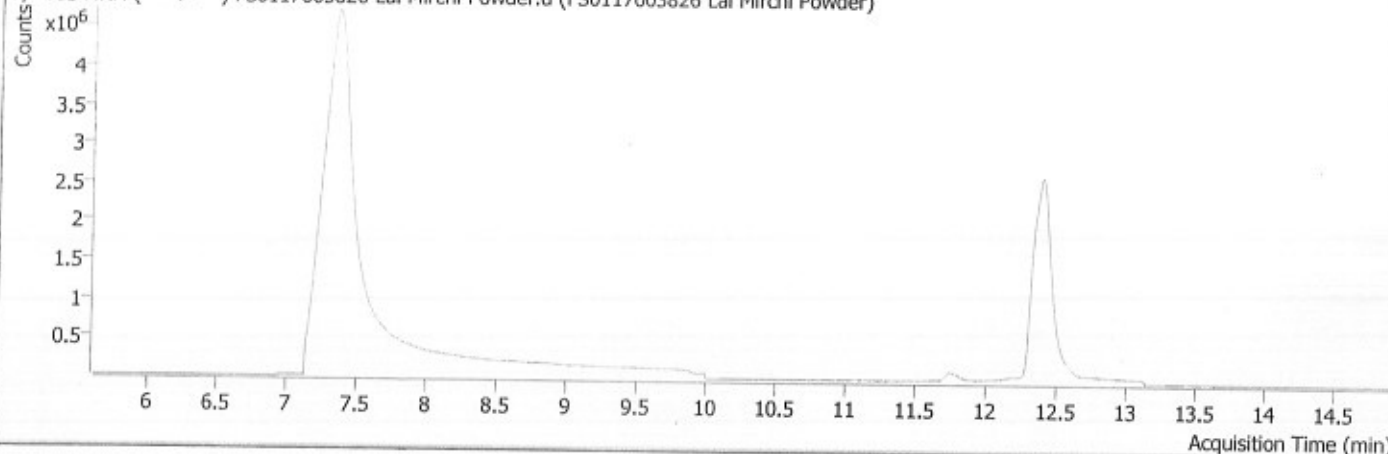
Quantitative Analysis Sample Report



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Report Time	1/23/2026 12:52:26 PM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/23/2026 12:51 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/21/2026 10:43 AM	Data File	FS0117003826 Lal Mirchi Powder.d
Sample Type	Sample	Sample Name	FS0117003826 Lal Mirchi Powder
Dilution	1	Acq. Method	DMRM_PEST_1023.m

Sample Chromatogram

+/- TIC MRM (** -> **) FS0117003826 Lal Mirchi Powder.d (FS0117003826 Lal Mirchi Powder)



Compound	Transition	RT	Resp.	Final Conc	Units
Diclosulam	406.0 -> 161.0	7.309	4	ND	ng/ml
Pymetrozine	218.0 -> 105.1	7.806	2531	2.5450	ng/ml
Sulfoxaflor	278.1 -> 105.0	7.709	72	ND	ng/ml
Sodium Para Nitro Phenolate	162.0 -> 130.2	8.207	491	5.7588	ng/ml
Topramezone	362.1 -> 318.1	8.270	84	ND	ng/ml
Oxydemeton methyl	247.0 -> 169.0	8.624	6231	ND	ng/ml
TFNG	249.2 -> 202.8	8.603	1396	ND	ng/ml
Methomyl	162.9 -> 88.1	8.740	1066	0.1150	ng/ml
Carbendazim	192.1 -> 160.1	8.842	50849	ND	ng/ml
TFNA	192.1 -> 160.1	8.831	20590	0.9933	ng/ml
Flonicamid	230.0 -> 203.1	8.819	26	ND	ng/ml
Thiamethoxam	292.0 -> 211.0	8.857	985	ND	ng/ml
Monocrotophos	224.2 -> 57.9	8.010	188792	0.8088	ng/ml
Validamycin	498.2 -> 336.2	8.732	0	ND	ng/ml
Thiometon Sulphoxide	263.0 -> 185.1	9.167	151	ND	ng/ml
Imidacloprid	256.0 -> 175.1	9.312	3381	0.8572	ng/ml
Clothiaidin	250.0 -> 169.0	9.385	294	ND	ng/ml
Acetamprid	223.0 -> 126.0	9.573	189	ND	ng/ml
Trichlorfon	257.0 -> 109.0	9.811	675	ND	ng/ml
Imazamox	306.2 -> 264.1	9.788	783	0.6385	ng/ml
Thiacloprid	253.0 -> 126.0	9.895	886	0.6907	ng/ml
1-NAAM	186.2 -> 115.1	10.033	20	ND	ng/ml
Tricyclazole	190.0 -> 163.1	10.094	847	1.4761	ng/ml
Imazethapyr	290.2 -> 177.1	10.364	2020	ND	ng/ml
Penoxsulum	484.2 -> 195.2	10.097	23	ND	ng/ml
Sulfentrazone	404.0 -> 307.0	11.176	10	ND	ng/ml
Thiodicarb	355.0 -> 87.8	10.676	52	ND	ng/ml
Cyantraniliprole	475.0 -> 286.0	10.558	5	ND	ng/ml
Metribuzin	215.1 -> 187.1	10.805	524	ND	ng/ml
Carbaryl	202.0 -> 145.0	10.941	13	0.1875	ng/ml

\$

[Signature]

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Generated at 12:52 PM on 1/23/2026

\$

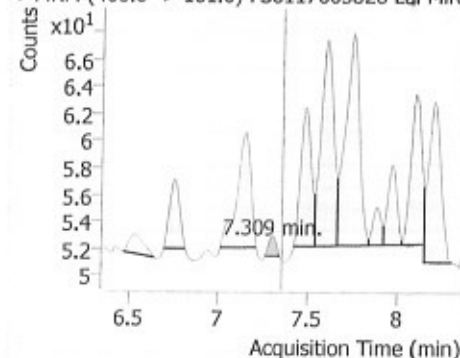
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Quantitative Analysis Sample Report

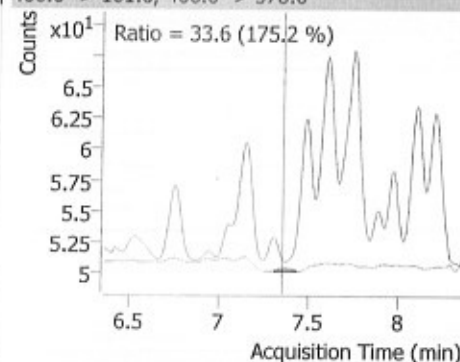
Compound	Transition	RT	Resp.	Final Conc	Units
Trifloxystrobin	409.1 -> 186.0	12.196	1230	ND	ng/ml
Pencycuron	329.0 -> 125.0	12.219	2589	ND	ng/ml
Pyriproxyfen	322.1 -> 96.0	12.333	0	ND	ng/ml
Pirimiphos-methyl	306.2 -> 164.1	12.304	751	ND	ng/ml
Pretilachlor	312.2 -> 252.0	12.220	229	4.6053	ng/ml
Diafenthiuron	385.2 -> 329.1	12.361	265	ND	ng/ml
Thiometon Sulphone	279.0 -> 149.0	12.399	0	ND	ng/ml
Trillate	304.0 -> 162.1	12.461	0	ND	ng/ml
Fenoxaprop-ethyl	362.1 -> 91.1	12.322	293	ND	ng/ml
Quinalphos	299.0 -> 162.9	12.502	2729	3.7070	ng/ml
Fenazaquin	307.3 -> 57.0	12.851	4253	0.6217	ng/ml
Oxydiazion	345.0 -> 185.1	12.633	159	0.8149	ng/ml
Spiromesifen	371.5 -> 272.9	12.723	148	1.7408	ng/ml
Sodium Aceflourofen	360.0 -> 316.1	12.786	94	1.0621	ng/ml
Propargit	368.1 -> 231.2	12.826	903	8.3780	ng/ml
Fenpyroximate	422.2 -> 135.0	12.957	2599	1.5692	ng/ml
Etofenprox	394.2 -> 177.1	13.888	2718	2.2014	ng/ml
Pyridalyl	492.0 -> 108.9	14.101	1251	3.3557	ng/ml

Diclosulam

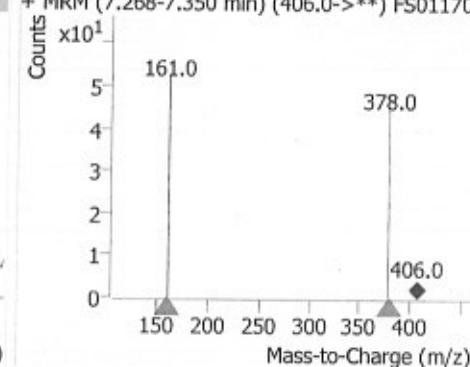
+ MRM (406.0 -> 161.0) FS0117003826 Lal Mirc



406.0 -> 161.0, 406.0 -> 378.0

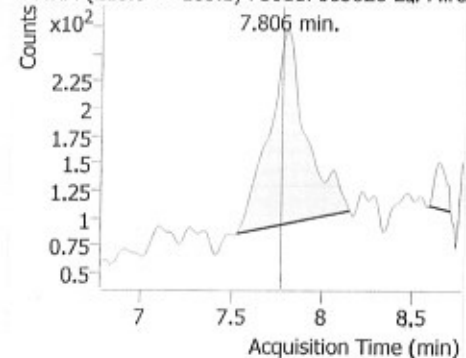


+ MRM (7.268-7.350 min) (406.0->**) FS0117003826 Lal Mirc

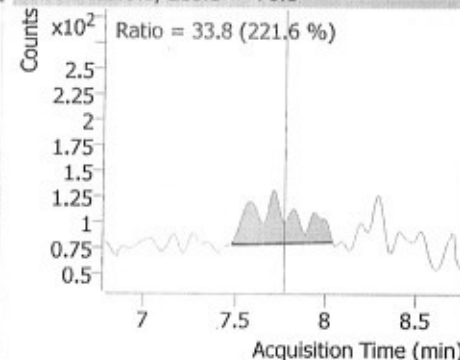


Pymetrozine

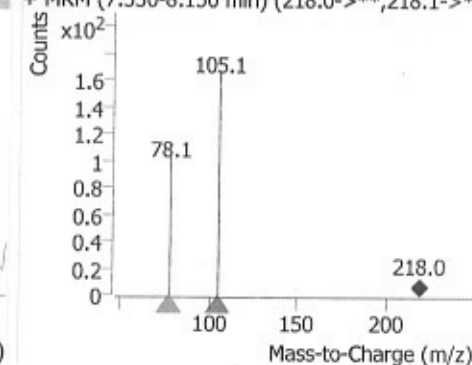
+ MRM (218.0 -> 105.1) FS0117003826 Lal Mirc



218.0 -> 105.1, 218.1 -> 78.1



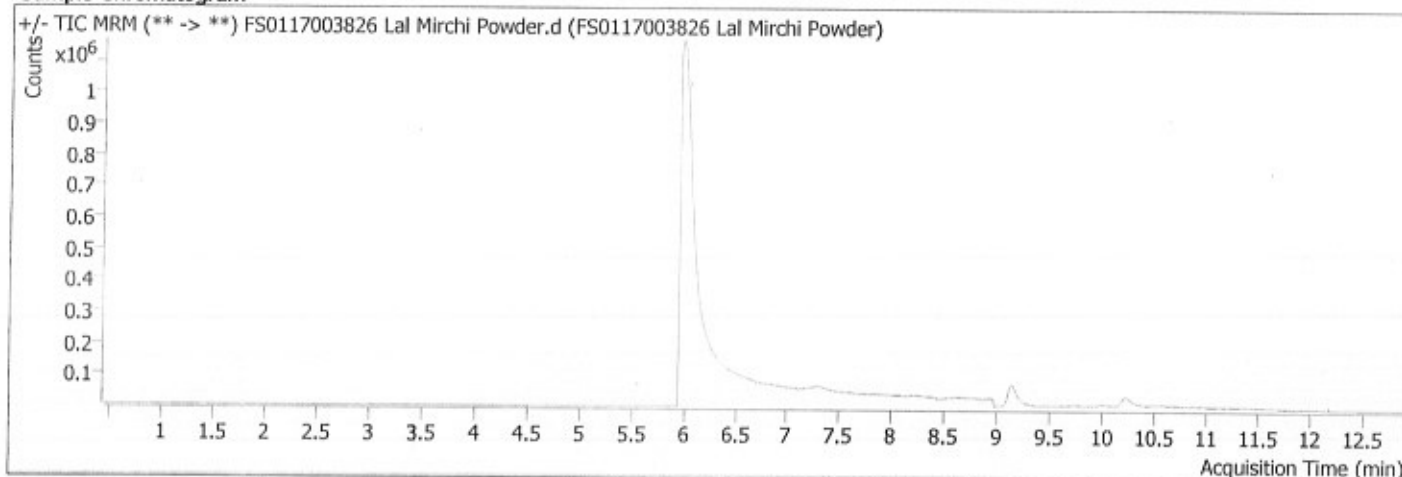
+ MRM (7.530-8.150 min) (218.0->**, 218.1->**) FS0117003826 Lal Mirc



Quantitative Analysis Sample Report

Batch Path	D:\MassHunter\Data\2026\Jan_2026\20.01.2026_Pesticide\QuantResults\FSSAI.batch.bin		
Analysis Time	1/21/2026 4:10 PM	Analyst Name	LCMSMS\LC-MSMS1
Report Time	1/21/2026 4:12:03 PM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/21/2026 4:10 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/20/2026 9:52 PM	Data File	FS0117003826 Lal Mirchi Powder.d
Sample Type	Sample	Sample Name	FS0117003826 Lal Mirchi Powder
Dilution	1	Acq. Method	DMRM_FSSAI_1023.m

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Thiometon sulfoxide	263.0 -> 157.1	1.416	0	ND	ng/ml
Methamidaphos	141.9 -> 94.0	4.793	229	6.9049	ng/ml
Flubendamide	683.0 -> 273.9	5.388	0	ND	ng/ml
Thiocyclam	182.0 -> 137.0	6.186	2310	2.7046	ng/ml
Abamectin	184.0 -> 143.0	5.891	219	1.7613	ng/ml
Acephate	184.0 -> 125.0	6.365	628	2.2900	ng/ml
Dinotefuran	203.0 -> 129.0	5.951	974	0.2504	ng/ml
Diclosulam	406.0 -> 161.0	7.334	71	ND	ng/ml
Benomyl	191.9 -> 159.9	7.300	69700	ND	ng/ml
Carbendazim	192.1 -> 160.1	7.300	55598	ND	ng/ml
Topramezone	362.1 -> 334.2	7.292	1	0.2604	ng/ml
Carbofuran, - 3 hydroxy	238.1 -> 163.1	7.628	562	0.0279	ng/ml
2,4-D	221.0 -> 163.0	8.285	2122	ND	ng/ml
Flupyradifurone	289.1 -> 126.0	8.111	1256	ND	ng/ml
Dimethoate	230.0 -> 199.0	8.203	883	ND	ng/ml
Cymoxanil	199.1 -> 111.0	8.387	556	ND	ng/ml
Phosphamidon	300.2 -> 127.0	8.738	291	0.2781	ng/ml
Thiophenate methyl	343.1 -> 151.1	9.052	1950	ND	ng/ml
Bentazone	241.1 -> 198.9	9.068	5	ND	ng/ml
Malaxon	315.1 -> 99.1	9.103	190	ND	ng/ml
Carbofuran	222.0 -> 122.9	9.148	270004	ND	ng/ml
Simazine	202.1 -> 96.1	9.189	154	ND	ng/ml
Fenthion sulfoxide	295.0 -> 109.1	9.319	629	ND	ng/ml
Hexazinone	253.3 -> 171.1	9.228	2166	ND	ng/ml
Tembotrione	441.2 -> 262.1	9.591	5	ND	ng/ml
Metalaxyl	280.1 -> 160.1	9.607	148	0.1907	ng/ml
Linuron	249.0 -> 160.0	9.484	171	ND	ng/ml
Metalaxyl-M	279.8 -> 219.8	9.617	2091	ND	ng/ml
Iodosulfuron-Methyl	508.0 -> 167.1	8.846	20	ND	ng/ml
Isoproturon	207.2 -> 72.3	9.680	160	ND	ng/ml

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[Signature]

Quantitative Analysis Sample Report

Compound	Transition	RT	Resp.	Final Conc	Units
Methabenzthiazuron	222.1 -> 165.1	9.137	115904	ND	ng/ml
Forchlorfenuron	248.1 -> 129.1	9.720	4539	ND	ng/ml
Ametryn	228.2 -> 186.1	9.751	1088	1.1568	ng/ml
Diuron	232.8 -> 72.0	9.792	1296	ND	ng/ml
Paraquat	171.2 -> 77.0	9.752	0	ND	ng/ml
Sulfosulfuron	471.1 -> 211.1	9.795	4	0.4574	ng/ml
Fluchloralin	355.9 -> 235.9	10.864	119	8.6010	ng/ml
Mandipropamid	411.9 -> 328.1	9.878	4	ND	ng/ml
Fenamidone	311.9 -> 236.0	10.005	2037	ND	ng/ml
Boscalid	343.0 -> 271.0	9.891	20	ND	ng/ml
Chlorimuran ethyl	415.0 -> 186.0	9.356	32	ND	ng/ml
Dimethomorph	388.2 -> 301.0	10.442	52	ND	ng/ml
Fluopicolide	382.9 -> 172.9	10.268	64	ND	ng/ml
Dithianon	295.9 -> 70.2	10.550	132	ND	ng/ml
Paclobutrazol	294.1 -> 70.1	10.037	832	ND	ng/ml
Propanil	218.0 -> 161.9	10.346	5880	ND	ng/ml
Myclobutanil	289.1 -> 70.1	10.170	448	ND	ng/ml
Fluopyram	397.4 -> 172.9	10.462	140	ND	ng/ml
Chromafenozide	395.2 -> 175.1	10.206	303	ND	ng/ml
Pyrazosulfuron ethyl	415.1 -> 182.0	10.205	551	ND	ng/ml
Tetraconazole	371.9 -> 159.0	10.228	0	ND	ng/ml
Halosulfuron methyl	435.1 -> 182.1	10.400	29	ND	ng/ml
Cyazofamid	325.0 -> 108.0	10.281	24	ND	ng/ml
Picoxystrobin	368.1 -> 205.1	10.372	552	ND	ng/ml
Tridemorph	298.4 -> 130.1	10.395	31	ND	ng/ml
Diflubenzuron	311.0 -> 158.0	10.364	338	ND	ng/ml
Edifenphos	311.0 -> 109.0	10.590	8501	ND	ng/ml
Anilphos	368.2 -> 199.1	10.680	20	ND	ng/ml
Fenthion sulphone	310.6 -> 108.7	10.005	15613	3.9761	ng/ml
Tebuconazole	308.1 -> 70.0	10.508	5653	ND	ng/ml
Penconazole	284.2 -> 70.0	10.530	1976	ND	ng/ml
Pyraclostrobin	388.0 -> 194.1	10.566	795	ND	ng/ml
Carpropamid	334.1 -> 139.0	10.538	417	ND	ng/ml
Propioconazole	342.1 -> 159.0	10.568	3863	ND	ng/ml
Diazinon	305.1 -> 169.1	10.456	247	ND	ng/ml
Pinoxaden	401.4 -> 317.2	10.688	4	1.0316	ng/ml
Indoxacarb	528.1 -> 149.9	9.897	5	ND	ng/ml
Bitertanol	338.3 -> 70.0	10.589	1477	ND	ng/ml
Cyflumetafen	465.2 -> 249.0	10.666	7	ND	ng/ml
Metrafenone	409.1 -> 209.1	10.565	54	ND	ng/ml
Haloxifop-R-methyl	376.1 -> 316.0	10.659	42	ND	ng/ml
Ametroctradin	276.1 -> 149.0	10.283	0	ND	ng/ml
Metaflumizone	507.6 -> 177.7	10.757	50	ND	ng/ml
Benfuracarb	411.4 -> 252.2	10.921	28	0.9965	ng/ml
Fluazifop-butyl	384.0 -> 282.0	10.842	693	ND	ng/ml
Lufenuron	511.0 -> 158.1	11.286	86	ND	ng/ml
Pretilachlor	312.2 -> 252.0	10.844	2350	ND	ng/ml
Tolfenpyrad	384.1 -> 197.0	10.994	412	ND	ng/ml
Buprofezin	306.2 -> 201.1	10.968	1475	0.8805	ng/ml
Propaquizafop	444.1 -> 100.0	11.002	24	ND	ng/ml
Etoxazole	360.3 -> 141.0	11.119	275	0.4801	ng/ml
Sodium Acefloufen	360.0 -> 316.1	10.874	53	0.0721	ng/ml
Hexythiazox	353.0 -> 228.1	11.109	190	ND	ng/ml
Chlorfluazuron	540.0 -> 382.9	11.661	40	0.9282	ng/ml
Pendimethalin	282.1 -> 212.1	11.122	1220	ND	ng/ml

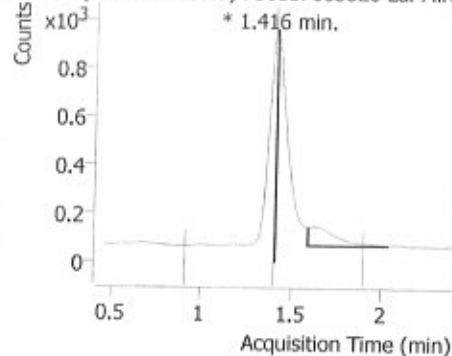



Quantitative Analysis Sample Report

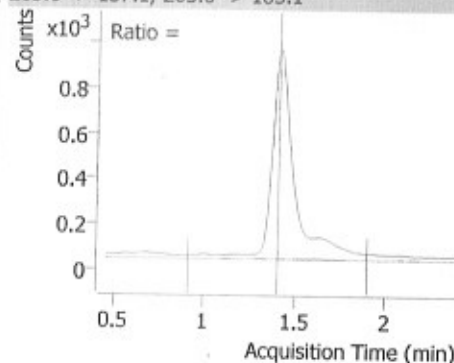
Compound	Transition	RT	Resp.	Final Conc	Units
Kasugamycin	380.1 -> 70.1	11.595	0	ND	ng/ml
Carbosulfan	381.2 -> 118.1	11.665	45	ND	ng/ml

Thiometon sulfoxide

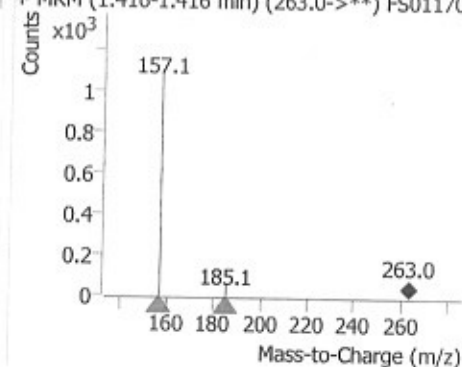
+ MRM (263.0 -> 157.1) FS0117003826 Lal Mirchi



263.0 -> 157.1, 263.0 -> 185.1

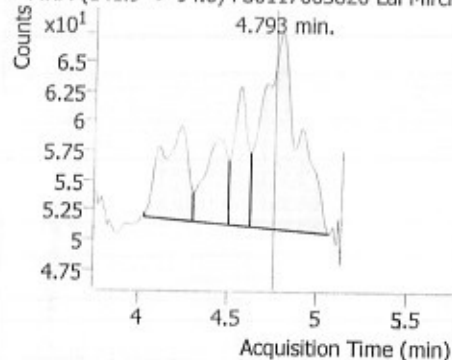


+ MRM (1.416-1.416 min) (263.0->**) FS0117003826 Lal Mirchi

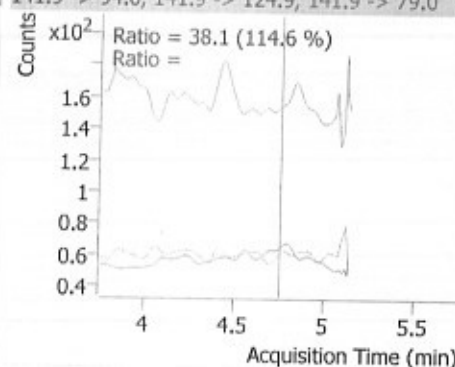


Methamidophos

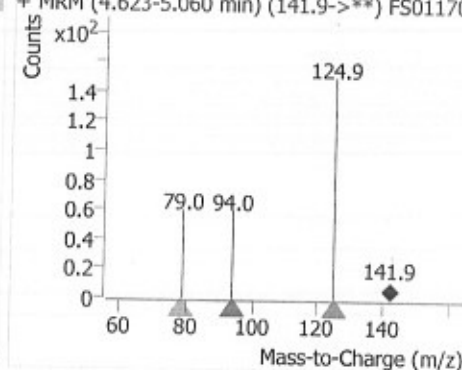
+ MRM (141.9 -> 94.0) FS0117003826 Lal Mirchi



141.9 -> 94.0, 141.9 -> 124.9, 141.9 -> 79.0

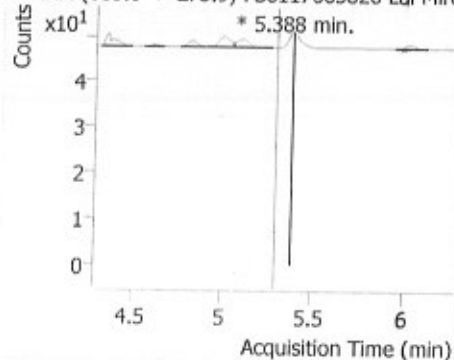


+ MRM (4.623-5.060 min) (141.9->**) FS0117003826 Lal Mirchi

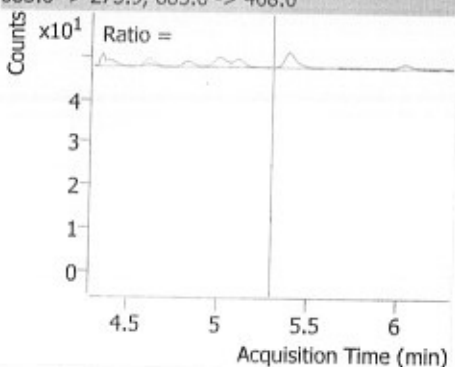


Flubendamide

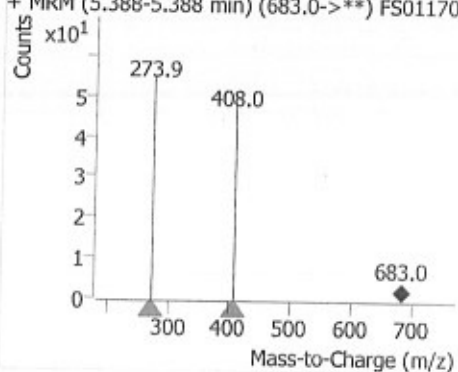
+ MRM (683.0 -> 273.9) FS0117003826 Lal Mirchi



683.0 -> 273.9, 683.0 -> 408.0



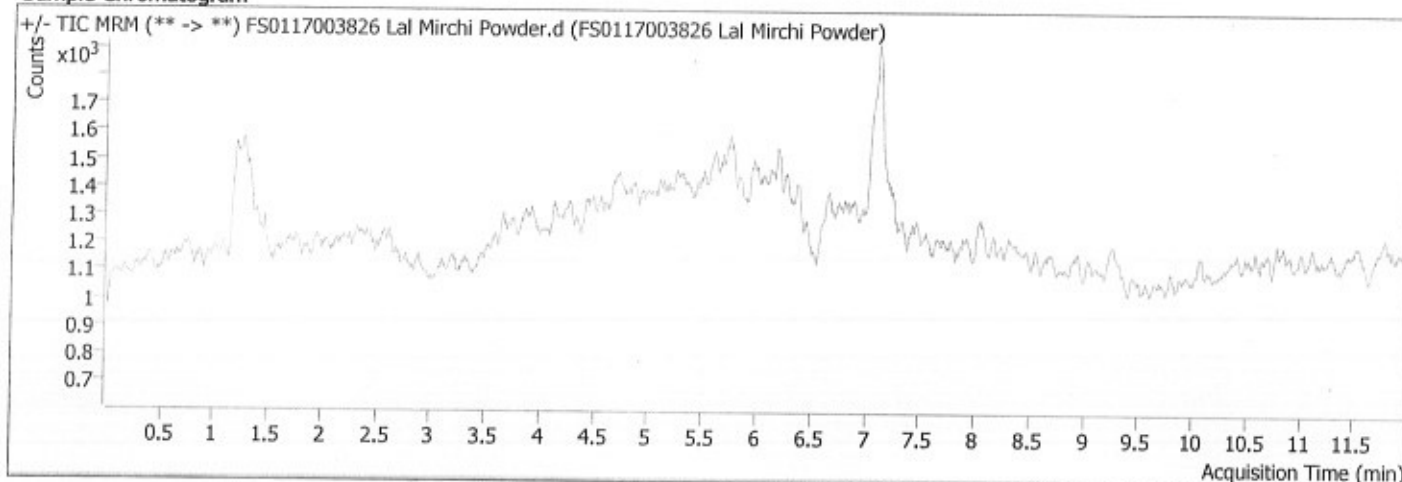
+ MRM (5.388-5.388 min) (683.0->**) FS0117003826 Lal Mirchi



Quantitative Analysis Sample Report

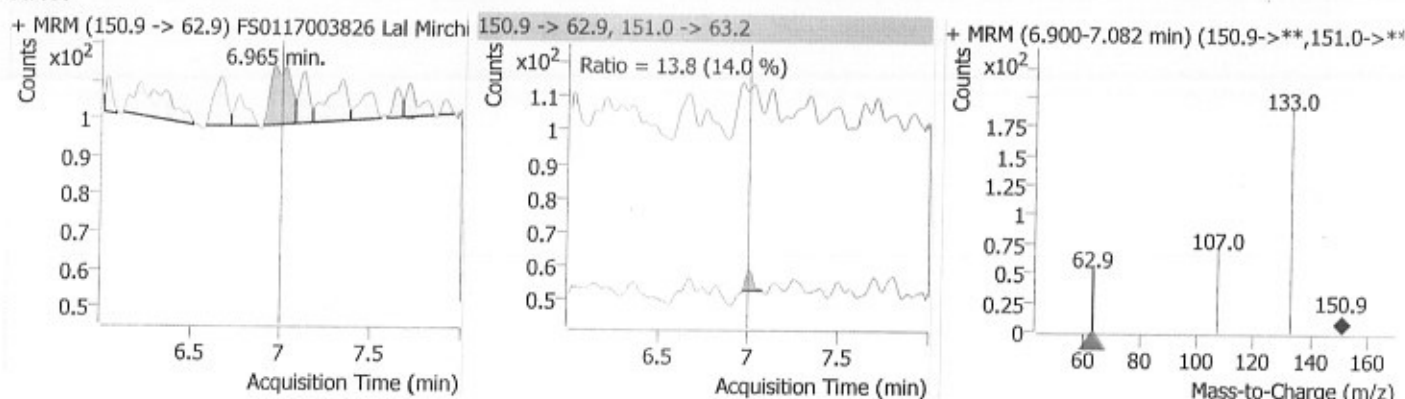
Batch Path	D:\MassHunter\Data\2026\Jan_2026\22.01.2026_PGR\QuantResults\PFR.batch.bin		
Analysis Time	1/23/2026 11:57 AM	Analyst Name	LCMSMS\LC-MSMS1
Report Time	1/23/2026 11:57:35 AM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/23/2026 11:57 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/23/2026 3:56 AM	Data File	FS0117003826 Lal Mirchi Powder.d
Sample Type	Sample	Sample Name	FS0117003826 Lal Mirchi Powder
Dilution	1	Acq. Method	Gly-Glf_24.m

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
MPPA	150.9 -> 62.9	6.965	121	ND	ng/ml
Fosetyl-Al	110.0 -> 93.0	6.982	268	ND	ng/ml
NAG.	222.0 -> 122.9	7.117	4607	ND	ng/ml
Glyphosate_FMOc	425.0 -> 182.1	7.456	61	ND	ng/ml
Glufosinate Ammonium_FMOc	404.0 -> 372.2	7.638	36	ND	ng/ml

MPPA



		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064				Page 1 of 1
Doc. Name: Record of Analysis (Raw Data Sheet)						
Doc. No.: 7.4/F-04		Sect. No. 7.4		Section Title: Process Requirements (Handling of Test Items)		
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	Amend. No.: 01	Amend. Date: 11.12.23	
Name of Sample: <i>Red Mirchi powder</i>			Potency :			
Batch No. :			Sample Code : <i>FSO117003826</i>			

Pesticides Residue

Method:- SIMA/INS/STP/003

Sample weight:- *5.00412g*

Final Volume:- 10ml

Result:- *BWA (1000.00) mg/kg*

Dithiocarbamates as CS2

Method:- SIMA/INS/STP/003

Sample weight:- *10.00014g*

Final Volume:- 10ml

Result:- *BWA (1200.00) mg/kg*

Done by

Checked By

	Prepared by <i>Rishabh Kashyap</i> Quality Executive	Reviewed by <i>B. S. Rastogi</i>	Approved by <i>R. S. Rastogi</i>	Issued by <i>Rishabh Kashyap</i> Quality Executive
Name & Designation				
Signature & Date	<i>Rishabh Kashyap</i> 11/12/23			<i>Rishabh Kashyap</i> 11/12/23

MASTER COPY

CONTROL

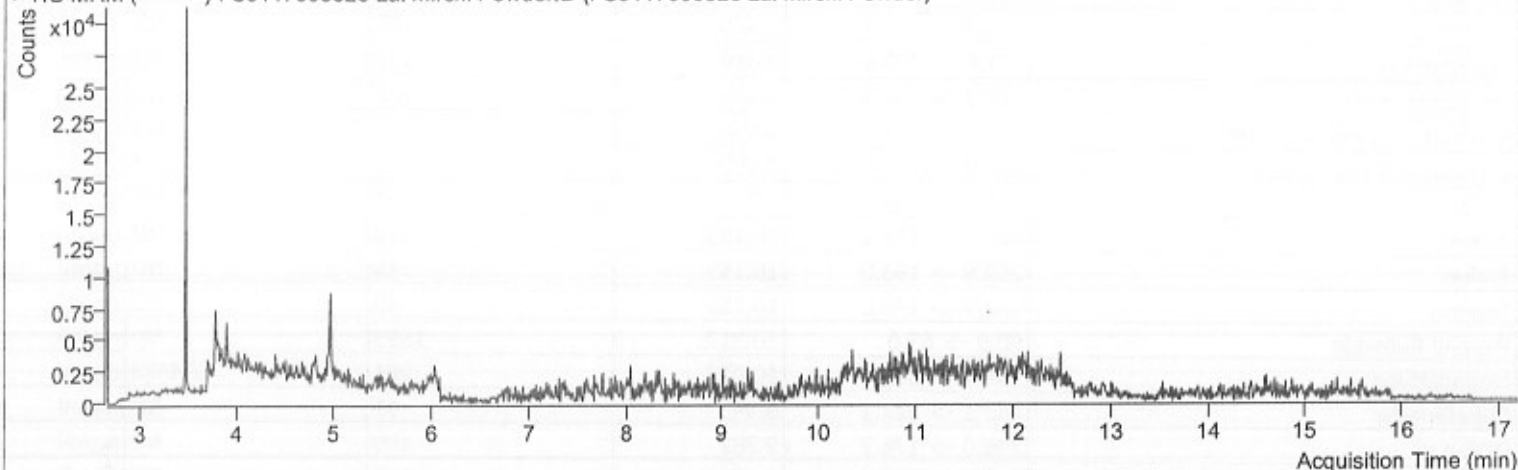
Quantitative Analysis Sample Report



Batch Path	E:\ALL DATA\DATA 2026\01 January\1\21012026\Pest\QuantResults\Pest.batch.bin		
Analysis Time	24-Jan-26 11:48 AM	Analyst Name	GCMS91\GCMSMS
Report Time	24-Jan-26 01:16:20 PM	Reporter Name	GCMS91\GCMSMS
Last Calib Update	24-Jan-26 11:48 AM	Batch State	Processed
Quant Batch Version	B.09.00	Quant Report Version	B.09.00
Acq. Time	21-Jan-26 5:39 PM	Data File	FS0117003826 Lal Mirchi Powder.D
Sample Type	Sample	Sample Name	FS0117003826 Lal Mirchi Powder
Dilution	1	Acq. Method	Multiresidues_dMRM_Final

Sample Chromatogram

+ TIC MRM (** -> **) FS0117003826 Lal Mirchi Powder.D (FS0117003826 Lal Mirchi Powder)



Compound	Transition	RT	Resp.	Final Conc	Units
Dichlorvos	109.0 -> 79.0	3.469	54	ND	ng/ml
Trichlorfon	109.0 -> 78.9	3.469	54	ND	ng/ml
Atrazine	208.0 -> 63.0	4.011	23	ND	ng/ml
Captan	151.0 -> 80.0	4.973	66	ND	ng/ml
Clodina fop-Propargyl	151.0 -> 80.0	4.973	66	ND	ng/ml
Trizophos	79.0 -> 77.0	4.974	1834	ND	ng/ml
Cinmethylin	125.0 -> 89.0	5.896	0	ND	ng/ml
Chlorpropham	127.0 -> 65.1	6.006	0	ND	ng/ml
BHC-alpha (benzene hexachloride)	216.9 -> 181.0	6.431	98	ND	ng/ml
BHC-delta	217.0 -> 181.1	6.480	77	0.6252	ng/ml
BHC-beta	216.9 -> 181.1	6.480	77	0.6252	ng/ml
BHC-gamma (Lindane, gamma HCH)	216.9 -> 181.0	7.194	66	ND	ng/ml
Paraoxon	108.9 -> 81.0	6.873	202	ND	ng/ml
Diazinon	137.1 -> 84.0			ND	ng/ml
Fluchloralin	306.0 -> 263.9			ND	ng/ml
Paraoxon-methyl	108.9 -> 79.0	7.222	204	4.9363	ng/ml
Chlorpyrifos-methyl	285.9 -> 93.0	8.155	55	ND	ng/ml
Fenitrothion	125.1 -> 47.0	7.492	161	ND	ng/ml
Parathion-methyl	262.9 -> 109.0	7.437	44	6.3162	ng/ml
Propanil	166.0 -> 55.1			ND	ng/ml
Vinclozolin	187.0 -> 124.0	7.967	51	ND	ng/ml
Alachlor	188.1 -> 160.1	7.927	164	ND	ng/ml
Pirimiphos-methyl	290.0 -> 125.0			ND	ng/ml
Pirimiphos-ethyl	152.1 -> 84.0	7.925	47	0.9837	ng/ml
Chlorpyrifos	196.9 -> 169.0	8.273	116	ND	ng/ml
Phorate sulfone	124.9 -> 96.9	8.254	47	ND	ng/ml
Phorate	121.0 -> 65.0	8.379	69	ND	ng/ml
Fenthion	278.0 -> 109.0	9.157	51	7.6403	ng/ml
Parathion	109.0 -> 81.0	8.355	568	ND	ng/ml
Malaoxon	126.9 -> 99.0	8.516	107	ND	ng/ml

Quantitative Analysis Sample Report

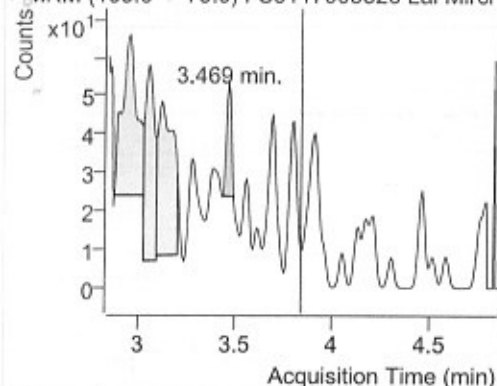
Compound	Transition	RT	Resp.	Final Conc	Units
Malathion	126.9 -> 99.0	8.590	247	1.7326	ng/ml
Dicofol	139.0 -> 111.0	9.242	48	0.6354	ng/ml
Etofenprox	206.9 -> 171.9	8.983	67	0.4787	ng/ml
Pendimethalin	251.8 -> 162.2			ND	ng/ml
Oxyfluorfen	252.0 -> 146.0	8.791	67	ND	ng/ml
Chlorfenvinphos	266.9 -> 159.0	9.077	53	0.2632	ng/ml
Profenofos	296.8 -> 268.7			ND	ng/ml
Heptachlor-epoxide	262.9 -> 193.0	9.010	211	0.1081	ng/ml
Fonofos	350.8 -> 254.8	8.943	58	6.4585	ng/ml
Butachlor	160.1 -> 132.1	9.525	108	ND	ng/ml
Chlordane-cis	271.8 -> 236.9	9.449	137	ND	ng/ml
Chlordane-trans	271.7 -> 236.9	9.449	137	ND	ng/ml
Endosulfan II (beta isomer)	206.9 -> 172.0	9.595	63	ND	ng/ml
Endosulfan I (alpha isomer)	194.9 -> 125.0	9.682	51	2.4237	ng/ml
DDD-o,p'	235.0 -> 165.1	9.998	124	0.0769	ng/ml
Aldrin	262.9 -> 192.9	10.155	48	ND	ng/ml
Endrin	262.8 -> 193.0	10.155	48	ND	ng/ml
Dieldrin	262.9 -> 193.0	10.155	48	ND	ng/ml
Pipronil Butoxide	90.9 -> 65.0	10.317	1695	ND	ng/ml
Methidathion	104.1 -> 51.0	10.073	281	2.4988	ng/ml
Chlorfenapyr	247.1 -> 227.1	9.443	91	ND	ng/ml
DDE-o,p'	246.0 -> 176.2	9.782	100	ND	ng/ml
DDE-p,p'	246.1 -> 176.2	9.782	100	ND	ng/ml
Phorate Sulfoxide	96.9 -> 78.9	10.635	152	ND	ng/ml
Ethion	124.9 -> 96.9	10.696	366	ND	ng/ml
Quintozone	318.0 -> 131.0	10.990	72	4.7394	ng/ml
DDD-p,p'	237.0 -> 165.1	11.262	84	1.5313	ng/ml
DDT-o,p'	235.0 -> 165.2	11.319	100	1.0926	ng/ml
DDT-p,p'	235.0 -> 165.2	11.319	100	1.0926	ng/ml
Diclofop-methyl	253.0 -> 162.1	11.679	102	0.3632	ng/ml
Heptachlor	271.7 -> 236.9	11.777	42	1.0724	ng/ml
Boscalid	123.0 -> 81.1	12.209	3037	ND	ng/ml
Bifenthrin	166.2 -> 165.2	12.355	211	ND	ng/ml
Fenpropathrin	125.0 -> 55.1	12.935	399	ND	ng/ml
Bromopropylate	338.8 -> 182.9			ND	ng/ml
Fenthion sulfone	124.9 -> 79.0	12.831	39	2.1797	ng/ml
Fenthion sulfoxide	125.0 -> 79.0	12.831	39	2.1797	ng/ml
Iprodione	187.0 -> 124.0			ND	ng/ml
Phosalone	182.0 -> 75.0			ND	ng/ml
Endosulfan sulfate	271.9 -> 237.0	12.896	0	ND	ng/ml
Cyhalothrin (Lambda)	181.1 -> 127.1			ND	ng/ml
Pyrethrins	204.0 -> 176.0	13.820	38	ND	ng/ml
Permethrin, (1R)-cis-	182.9 -> 155.1	14.010	213	ND	ng/ml
Hexachlorobenzene	121.1 -> 77.0	13.833	0	ND	ng/ml
Permethrin, (1R)-trans-	162.9 -> 91.1	14.290	472	ND	ng/ml
Cyfluthrin (Sum of Isomers)	162.9 -> 90.9	14.290	472	ND	ng/ml
Azinphos-methyl	160.0 -> 132.1	14.599	0	ND	ng/ml
Fluvalinate-tau I	181.0 -> 152.0	14.970	126	ND	ng/ml
Fenvalerate I	181.0 -> 152.1	14.818	199	ND	ng/ml
Deltamethrin	181.0 -> 152.1	14.970	126	ND	ng/ml
Cypermethrin (Sum of Isomers)	163.0 -> 91.0	14.521	352	ND	ng/ml
Fenvalerate II {CAS # 51630-58-1}	208.9 -> 141.1			ND	ng/ml
Fluvalinate-tau II {CAS # 102851-06-9}	181.0 -> 152.0	14.970	126	ND	ng/ml
Fenamidope	198.9 -> 157.0	15.562	167	ND	ng/ml
Azinphos-ethyl	160.0 -> 132.1	15.606	0	ND	ng/ml

Quantitative Analysis Sample Report

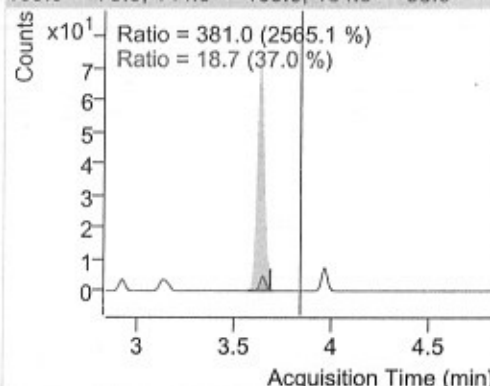
Compound	Transition	RT	Resp.	Final Conc	Units
Fluvalinate I	206.0 -> 178.9	15.635	169	2.3335	ng/ml
Fluvalinate II {CAS # 69409-94-5}	206.0 -> 178.9	15.635	169	2.3335	ng/ml

Dichlorvos

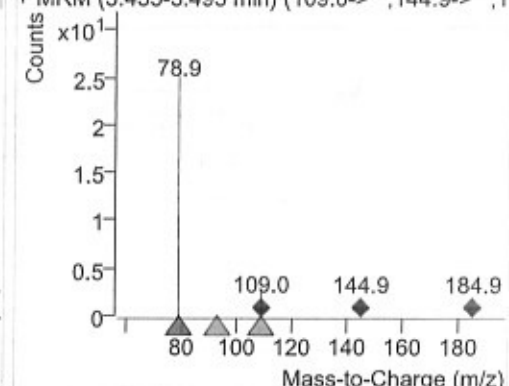
+ MRM (109.0 -> 79.0) FS0117003826 Lal Mirch



109.0 -> 79.0, 144.9 -> 109.0, 184.9 -> 93.0

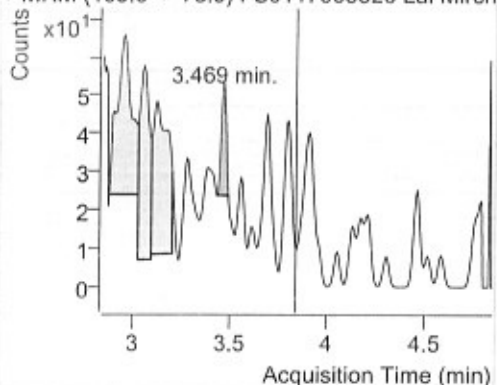


+ MRM (3.435-3.495 min) (109.0->**,144.9->**,1

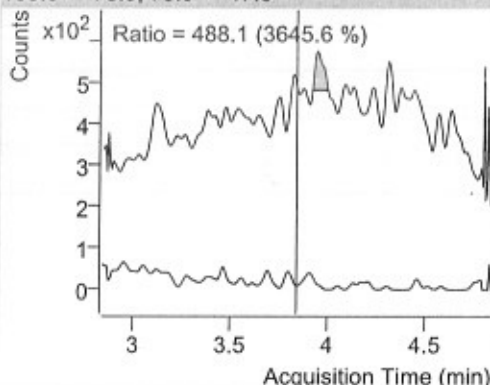


Trichlorfon

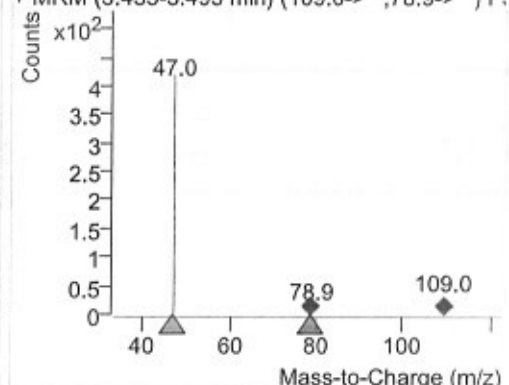
+ MRM (109.0 -> 78.9) FS0117003826 Lal Mirch



109.0 -> 78.9, 78.9 -> 47.0

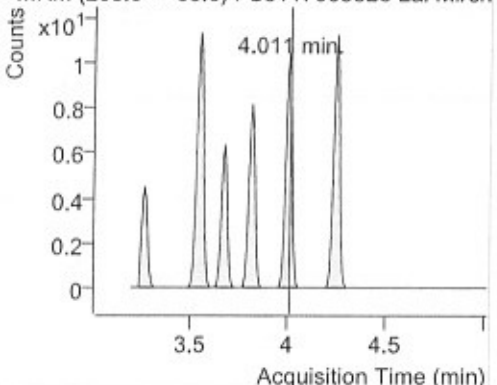


+ MRM (3.435-3.495 min) (109.0->**,78.9->**) F:

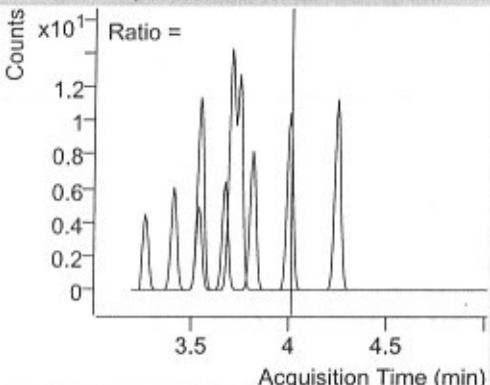


Atrazine

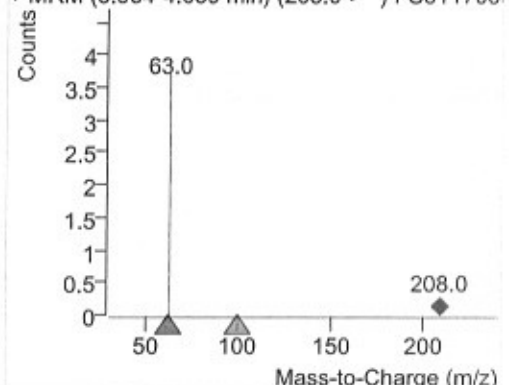
+ MRM (208.0 -> 63.0) FS0117003826 Lal Mirch



208.0 -> 63.0, 208.0 -> 99.0



+ MRM (3.964-4.059 min) (208.0->**) FS011700:

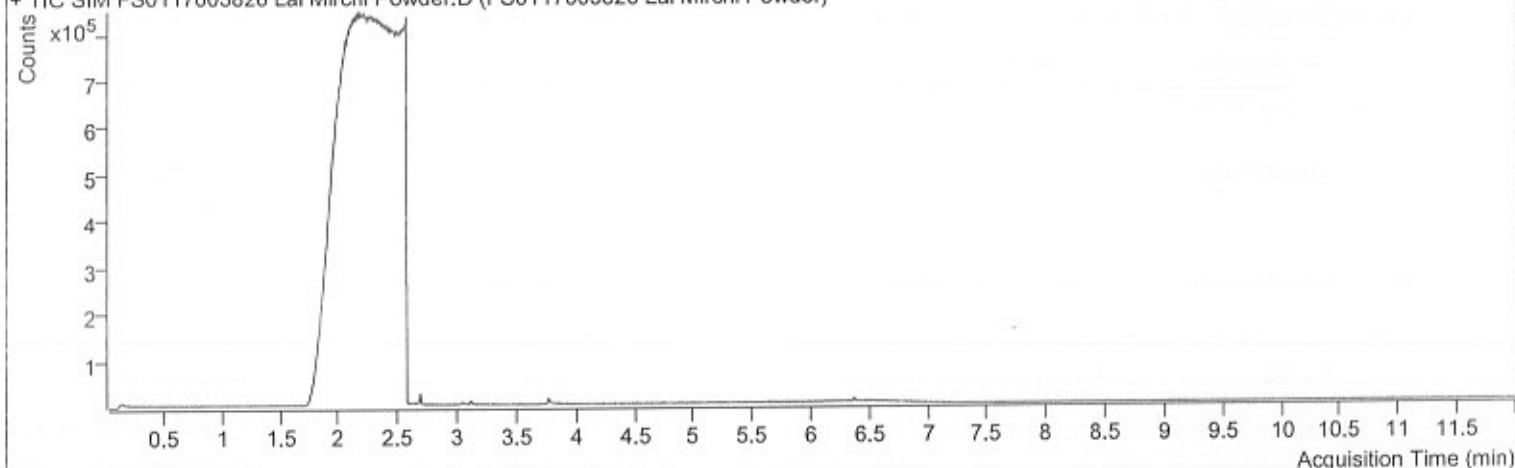


Quantitative Analysis Sample Report

Batch Path	E:\ALL DATA\DATA 2026\01 January\1\21012026\CS2\QuantResults\CS2.batch.bin		
Analysis Time	24-Jan-26 1:17 PM	Analyst Name	GCMS91\GCMSMS
Report Time	24-Jan-26 01:17:59 PM	Reporter Name	GCMS91\GCMSMS
Last Calib Update	24-Jan-26 1:17 PM	Batch State	Processed
Quant Batch Version	B.09.00	Quant Report Version	B.09.00
Acq. Time	22-Jan-26 4:41 AM	Data File	FS0117003826 Lal Mirchi Powder.D
Sample Type	Sample	Sample Name	FS0117003826 Lal Mirchi Powder
Dilution	1	Acq. Method	GCMS_CS2

Sample Chromatogram

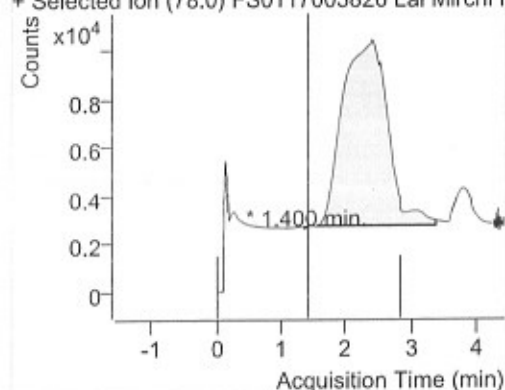
+ TIC SIM FS0117003826 Lal Mirchi Powder.D (FS0117003826 Lal Mirchi Powder)



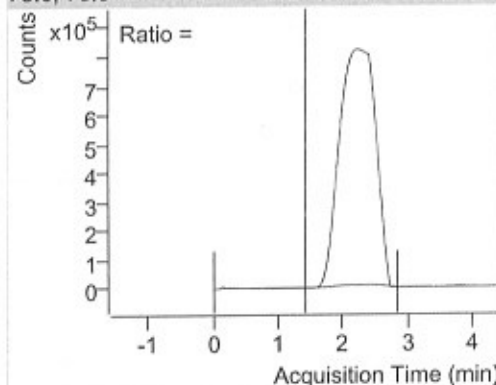
Compound	Transition	RT	Resp.	Final Conc	Units
CS2	78.0	1.400	106	ND	ng/ml

CS2

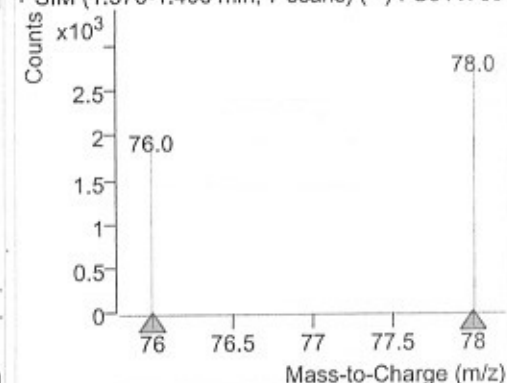
+ Selected Ion (78.0) FS0117003826 Lal Mirchi F



78.0, 76.0



+ SIM (1.376-1.400 min, 7 scans) (**) FS011700:

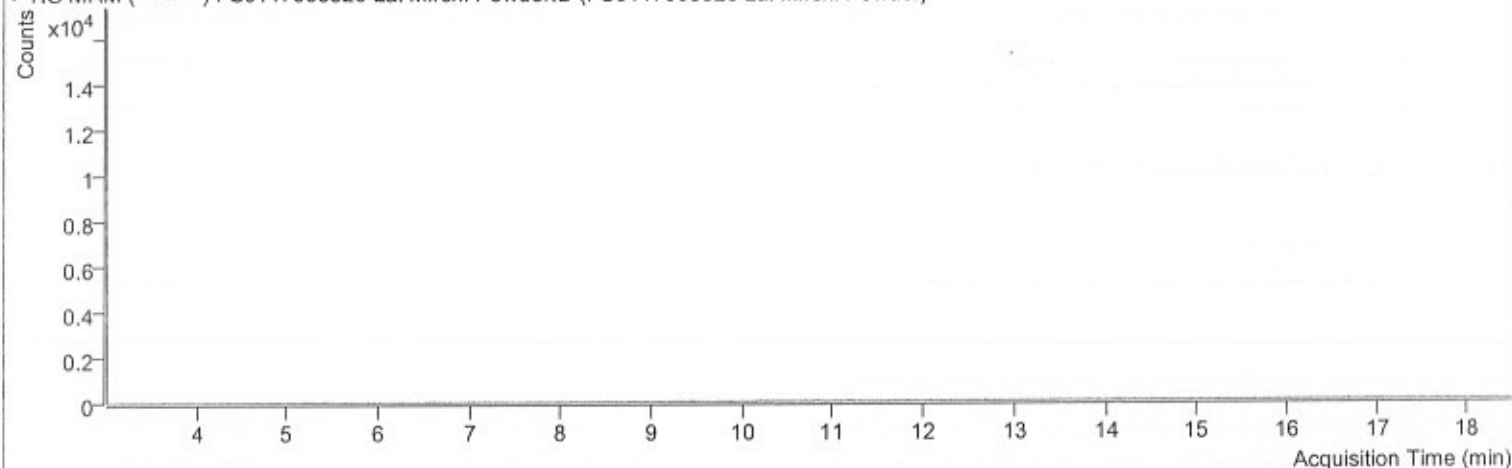


Quantitative Analysis Sample Report

Batch Path	E:\ALL DATA\DATA 2026\01 January\1\21012026\Triacontanol\QuantResults\Triacontanole.batch.bin		
Analysis Time	24-Jan-26 1:24 PM	Analyst Name	GCMS91\GCMSMS
Report Time	24-Jan-26 01:24:48 PM	Reporter Name	GCMS91\GCMSMS
Last Calib Update	24-Jan-26 1:24 PM	Batch State	Processed
Quant Batch Version	B.09.00	Quant Report Version	B.09.00
Acq. Time	22-Jan-26 1:19 PM	Data File	FS0117003826 Lal Mirchi Powder.D
Sample Type	Sample	Sample Name	FS0117003826 Lal Mirchi Powder
Dilution	1	Acq. Method	Triacontanol MRM

Sample Chromatogram

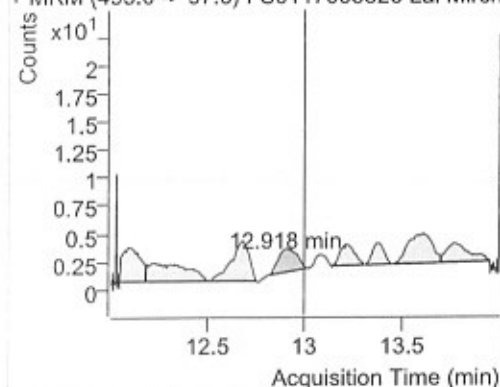
+ TIC MRM (** -> **) FS0117003826 Lal Mirchi Powder.D (FS0117003826 Lal Mirchi Powder)



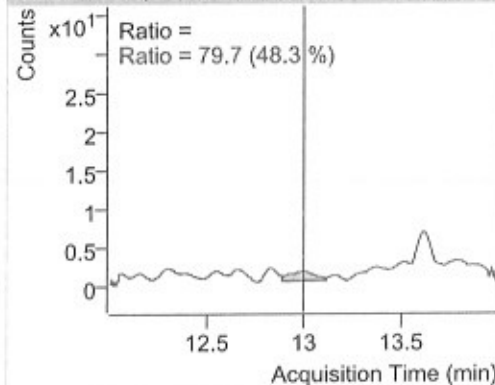
Compound	Transition	RT	Resp.	Final Conc	Units
Triacontanol	495.0 -> 97.0	12.918	14	ND	ng/ml

Triacontanol

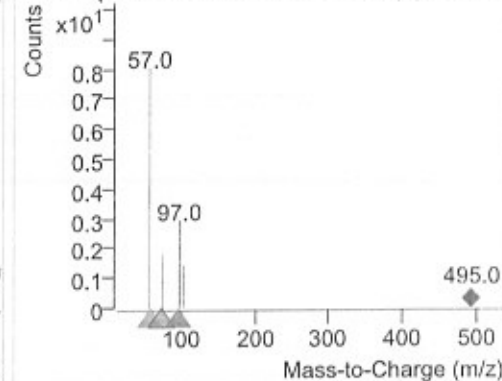
+ MRM (495.0 -> 97.0) FS0117003826 Lal Mirchi



495.0 -> 97.0, 495.0 -> 57.0, 495.0 -> 75.0



+ MRM (12.823-13.010 min, 54 scans) (495.0 ->



		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064			Page 1 of 1	
Doc. Name: Record of Analysis (Raw Data Sheet)						
Doc. No.: 7.4/F-04		Sect. No. 7.4		Section Title: Process Requirements (Handling of Test Items)		
Issue No.: 01	Issue Date: 10.01.2022	Rev. No.: 01	Rev. Date: 11.12.23	Amend. No.: 01	Amend. Date: 11.12.23	
Name of Sample:			Potency :	FS0117003826		
Batch No. :			Sample Code :	MDH Lal Mirchi Powder		

Batch No. SP-005

ICP-MS								
Sample Code	FS0117003826			Date		23-01-2026		
Element Name	Instrument Reading Sample(ppb)	Instrument Reading Blank(ppb)	Makeup Volume ml	Dilution ml	Sample Weight gm	Results mg/kg	Final Results mg/kg	LOQ
Cu	179.467	0.055	25	1	0.5189	8.644	8.644	0.100
As	1.374	0.152	25	1	0.5189	0.059	0.059	0.020
Cd	1.412	0.000	25	1	0.5189	0.068	0.068	0.020
Sn	3.132	9.715	25	1	0.5189	-0.317	BLQ	0.100
Hg	0.795	0.436	25	1	0.5189	0.017	BLQ	0.020
Pb(ODB)	4.573	0.001	25	1	0.5189	0.243	0.243	0.020
M.Hg(as Hg)	0.795	0.436	25	1	0.5189	0.017	BLQ	0.020

Done by
24/01/2026

Checked By
24/01/2026

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rishabh Kashyap Quality Executive	B. S. Rastogi Quality Executive	Rishabh Kashyap Quality Executive	Rishabh Kashyap Quality Executive
Signature & Date	Rishabh Kashyap 24/01/2026	B. S. Rastogi 24/01/2026	Rishabh Kashyap 24/01/2026	Rishabh Kashyap 24/01/2026

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Quantitation Report

Data File Name 031SMPL.d
 Acq/Data Batch D:\Agilent\ICPMH\1\DATA\ALL 2026\January-1\23-01-2026.b
 Acq Time 1/23/2026 12:33:31 PM
 Sample Name FS0117003826
 Sample Type Sample
 Comment ---
 Prep Dilution 1.0000
 Auto Dilution 1.0000
 Total Dilution 1.0000
 Operator Name ICP-MS
 Acq Mode Spectrum
 Cal Title ---
 Cal Type External Calibration
 Bkg File ---
 Bkg Mode Count Subtraction except for ISTD
 FQ BlankFile ---
 VIS Fit Point to Point

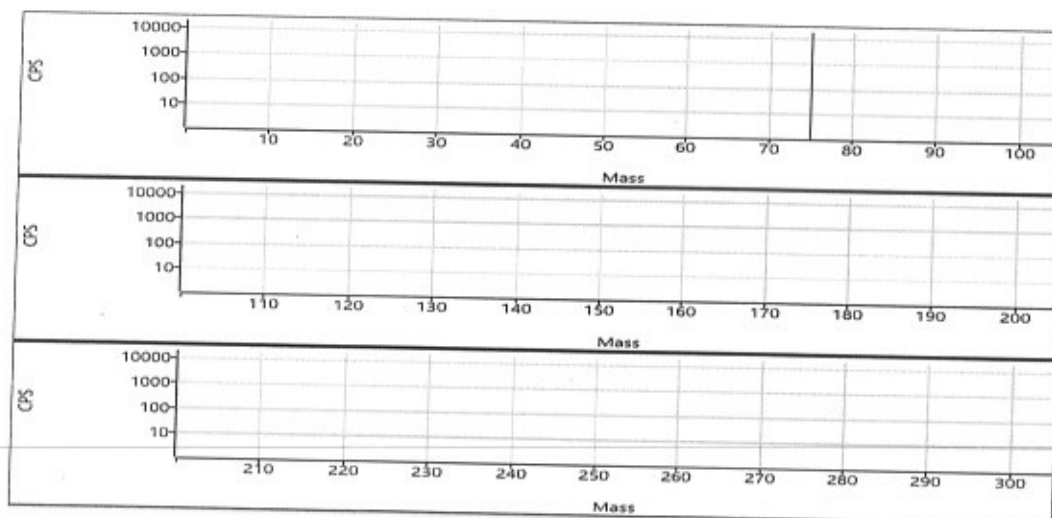
FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	CPS	Ratio	Det.	Time(sec)	Rep
Cu	63		He	179.467	ppb	0.3	4294676.77		Analog	0.3000	3
As	75		He	1.374	ppb	1.1	4157.36		Pulse	0.3000	3
Cd	111		He	1.412	ppb	2.4	9423.48		Pulse	0.3000	3
Sn	118		He	3.132	ppb	18.0	22428.30		Pulse	1.0000	3
Hg	202		He	0.795	ppb	3.2	6546.18		Pulse	1.0000	3
Pb	208		He	4.573	ppb	1.4	285724.12		Pulse	0.3000	3

ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(seq)	Rep
-----------	---------	------	-----	--------	-----------------	------	-----------	-----

No Gas

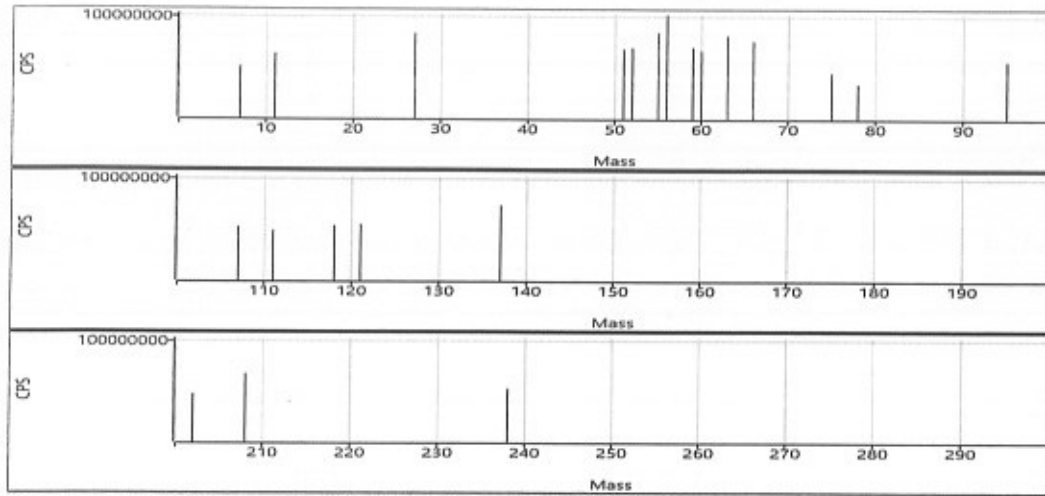


Agilent
24/01/2026

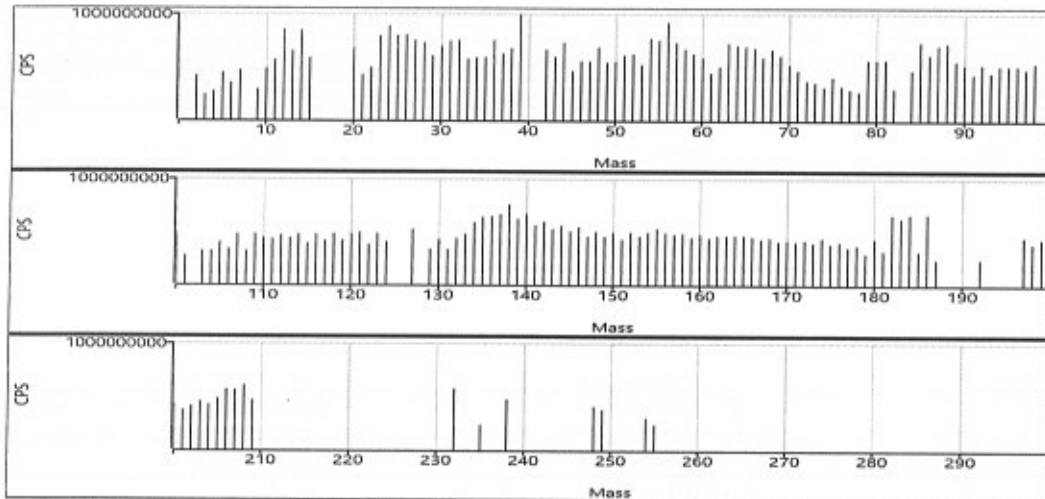
Agilent
24/01/2026

Quantitation Report

He



Quick Scan



Perry
24/01/2026

Agar
24/01/2026

Quantitation Report

Data File Name 028SMPL.d
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\ALL 2026\January-1\23-01-2026.b
Acq Time 1/23/2026 12:21:41 PM
Sample Name Acidblank
Sample Type Sample
Comment ---
Prep Dilution 1.0000
Auto Dilution 1.0000
Total Dilution 1.0000
Operator Name ICP-MS
Acq Mode Spectrum
Cal Title ---
Cal Type External Calibration
Bkg File ---
Bkg Mode Count Subtraction except for ISTD
FQ BlankFile ---
VIS Fit Point to Point

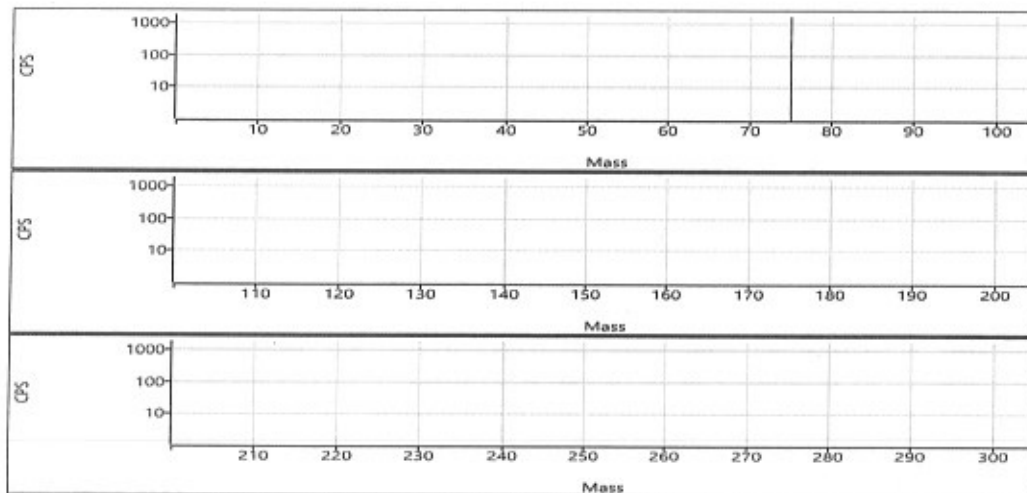
FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	CPS	Ratio	Det.	Time(sec)	Rep
Cu	63		He	0.055	ppb	2.6	6561.67		Pulse	0.3000	3
As	75		He	0.152	ppb	20.9	490.01		Pulse	0.3000	3
Cd	111		He	<0.000	ppb	N/A	37.78		Pulse	0.3000	3
Sn	118		He	9.715	ppb	18.3	68663.36		Pulse	1.0000	3
Hg	202		He	0.436	ppb	2.7	3723.23		Pulse	1.0000	3
Pb	208		He	0.001	ppb	450.9	4784.32		Pulse	0.3000	3

ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(seq)	Rep
-----------	---------	------	-----	--------	-----------------	------	-----------	-----

No Gas

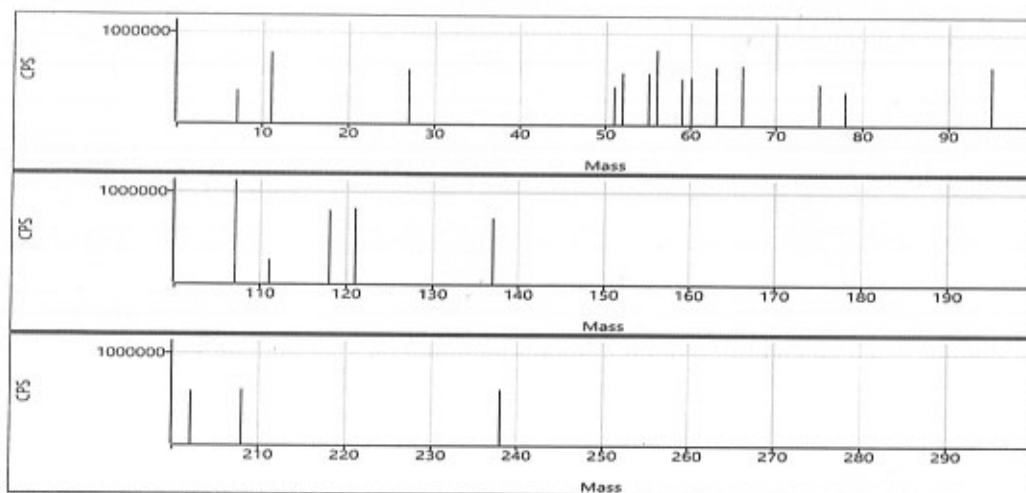


Person
 24/01/2026

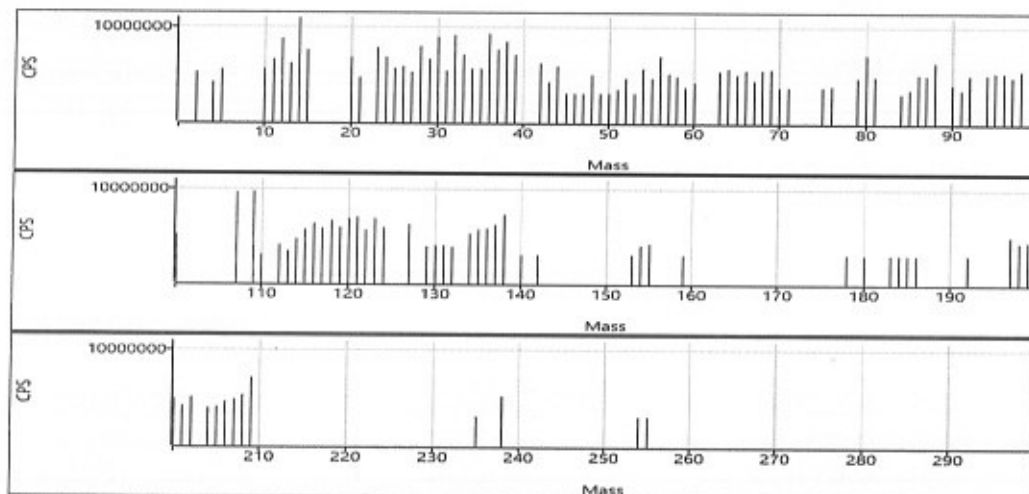
Acu
 24/01/2026

Quantitation Report

He



Quick Scan



Page 24/01/2026

Agus
24/01/2026



Doc. Name : Method for Detection of Salmonella as per IS: IS: 5887(P-3/Sec.1):2020

Doc. No.: 7.2/FF-09

Sect. No. 7.0

Section Title: Selection, Verification and Validation of Method

Issue No.: 01

Issue Date: 20.03.2023

Rev. No.: 00

Rev. Date: ...

Amend. No.:

Amend. Date: ...

Name of Sample :



FS011703826

MDH Lal Mirchi Powder

Report No. :

Parameter : Salmonella (Dete

Batch No. SP-005

Test Method : IS: 5887(P-3/Sec.1): 2020

Non-selective pre-enrichment:

Inoculate 25.19 sample into 225 ml of Buffered Peptone Water (BPW). Incubate BPW at 36°C ± 2 for 18 h.

Date & Time: 17/11/26 3:00

Selective Enrichment:

Transfer 0.1 ml Inoculum obtained from Non-selective pre-enrichment into 10 ml RV Medium and 1.0 ml into 10 ml of MKTT, into 10 ml SCM. Incubate RV medium at 41.5°C for 24 ± 3h and MKTT 36°C ± 2 for 24 ± 3 h and. SC medium 37°C for 24-48 ± 3 h.

Date & Time: 18/11/26 3:15

Identification:

Streak loop full Inoculum from Selective pre-enrichment (RV, MKTT and SCM) onto XLD Agar at 36°C ± 2 for 24 ± 3 h and Bismuth Sulphite Agar (BSA) at 37°C for 24-48 ± 3 h.

Date & Time: 19/11/26 3:25

Again streak after 24 hours of Re- incubation of SCM onto XLD Agar and BSA. Incubate BSA & XLDA at 37°C for 48 h & 24 h respectively.

Date & Time:

Observation:

Equipment ID		Incubator 31 B (✓) 31 C (✓) 31 D () 31 E ()					
Media	Incubation	Sample			Medium control	Positive control	End Date
Change in media Colour or Turbidity observed- (Yes/ No)							
BPW	36°C ± 2 for 18 h	Yes			No	Yes	18/01
RVS	41.5°C for 24 ± 3h	No			No	Yes	19/01
MKTT	36°C±2 for 24±3 h	No			No	Yes	
SCM	37°C for 24-48 ±3 h						
		From RV	From SC	From MKTT			
Characteristics Colonies observed- (Yes/No)							
BSA	37°C for 24-48 ±3 h	No	/	No	No	Yes	21/01
XLDA	36°C±2 for 24±3 h	No	/	No	No	Yes	20/01
After incubation Streaking (From SC after 48h)							
Characteristics Colonies observed- (Yes/No)							
BSA	37°C for 24-48 ±3 h			/			
XLDA	36°C±2 for 24±3 h			/			
Result	Absent / 25 gm						
Colony characteristic on-							
BSA- Black colour colonies with metallic sheen							
XLDA- Red Colony with black center.							

Note: If typical colonies observed on to selective medium further confirm with Biochemical and serological confirmation tests.

Tested By
(Sign./ Date): 21/11/26

Checked By
(Sign./ Date): 21/11/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Poojika Gopky Sr. Microbiologist	Thiruv Muthu Asst. Tech Manager	Pratibha Rawal Tech manager	Mayank Sharma Sr. Microbiologist
Signature & Date	Poojika 21/03/23	Thiruv 28/3/23	Pratibha 18/03/23	Mayank 21/03/23

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 SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064		Page 1 of 2
Doc. Name : Method for Enumeration of <i>S. aureus</i> as per IS: 5887 Part-2 : 1976		
Doc. No.: 7.2/FF-08	Sect. No. 7.0	Section Title: Selection, Verification and Validation of Method
Issue No.: 01	Issue Date: 20.03.2023	Rev. No.: 00 Rev. Date: ... Amend. No.: Amend. Date: ...

Name of Sample :	FS0117003826	
Report No. :	MDH Lal Mirchi Powder	
Parameter : <i>S. aureus</i> (Enumeration)		Test Method : IS:5887 (P-2): 1976

Batch No. SP-005

Preparation of Test Sample:

Take 25 to 50 g of the sample in a, sterile blender jar and to this add diluting fluid to have dilution of 10^{-1} . Blend at 8000 to 10,000 rev/min for 2 minutes. Alternatively macerate with the diluting fluid in a sterile mortar with sterile sand, Make serial ten-fold dilutions with the diluting fluid (0.1% peptone water), in duplicate series, up to 10^{-6} .

Date & Time... 17-01-26 3:00

Spread out 0.1 ml from each dilution tube, on to Baird Parker Agar, agar and incubate at 37°C for 30 hours. Enumerate the colonies of *S. aureus*, which are Black shiny colonies surrounded by potassium tellurite zone, and confirm these as being *S. aureus*.

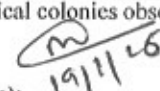
Observation:

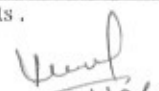
Equipment ID	Incubator 31 B () 31 C () 31 D () 31 E ()								
Media	Baird Parker Agar								
Incubation	37 °C for 30h								
Date and Time	18-01-2026 3:15								
Dilutions	10^0	10^{-1}	10^{-2}	10^{-3}	10^{-4}	10^{-5}	10^{-6}	10^{-7}	10^{-8}
Characteristics colonies Observed									
Observation	Sample								
		nil	nil						
		nil	nil						
Medium Control	Colonies observed-	Yes () No (✓)							
Positive Control	Characteristics colonies Observed-	Yes (✓) No ()							
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n_1: The number of plates counted in first dilution n_2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures								
Result	210 CFU/gm								

Characteristics colonies on-

Baird Parker Agar Agar - Black shiny colonies surrounded by potassium tellurite zone

Note: If typical colonies observed on to selective medium further confirm with Biochemical confirmation tests .

Tested By 
(Sign./ Date): 19/1/26

Checked By 
(Sign./ Date): 19/1/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Grover Sr. Microbiologist	Jhilly Mukherjee Asst. Tech. Manager	Pratishtha Rawat Tech. Manager	Mayank Sharma Executive QA
Signature & Date	Ruchita 17/03/23	Jhilly 18/3/23	Pratishtha 18/3/23	Mayank 18/03/2023

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Doc. Name : Method for Enumeration of Enterobacteriaceae as per ISO:21528 (Part-2):2017

Doc. No.: 7.2/FF-06

Sect. No. 7.0

Section Title: Selection, Verification and Validation of Method

Issue No.: 01

Issue Date: 20.03.2023

Rev. No.: 00

Rev. Date: ...

Amend. No.:

Amend. Date: ...

Name of Sample :

Report No. :

Parameter : Enterobacteriaceae (Enter)



FS0117003826

MDH Lal Mirchi Powder

Test Method : ISO: 21528 (P-2): 2017

Preparation of Test Sample:

Inoculate 10 sample into 90 ml of 0.1 dilution.

Batch No. SP-005

Date & Time 17/01/2023 3:00
Dilute with 9 ml of 0.1% peptone water

Inoculation:

Take two sterile petri dishes, Transfer to each dish 0.1 ml volume of prepared sample dilution from each dilution into petri dishes. Pour about 12 ml to 15 ml of the Violet Red Bile Glucose Agar (VRBGA) at 44 °C to 47 °C into each Petri dish.

Incubation:

Invert the prepared dishes and incubate at 37°C for 24 h ± 2 hrs.

Observation:

Equipment ID	Incubator 31 B (☒) 31 C () 31 D () 31 E ()								
Media	VRBGA								
Incubation	37°C for 24h ± 2 hrs								
Date and Time	18/01-26 3:15								
Characteristics colonies Observed									
Dilutions	10 ⁰	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁴	10 ⁻⁵	10 ⁻⁶	10 ⁻⁷	10 ⁻⁸
Observation	1	nil	nil						
Sample		nil	nil						
Medium Control	Colonies observed- Yes () No (☒)								
Positive Control	Characteristic colonies observed- Yes (☒) No ()								
Calculation	$N = \frac{2C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: 2C: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures								
Result	210 cfu/g								
Characteristic Colonies on-VRBGA: Pink to purple (with or without precipitation haloes).									

Tested By M
(Sign./ Date): 19/1/26

Checked By U
(Sign./ Date): 19/1/26

Prepared by	Reviewed by	Approved by	Issued by
Ruchita Gupta Sr. Microbiologist	Thiruv. Muthu Asst. Tech Manager	Batubhe Raut Tech manager	Mayank Sharma Executive QA
Ruchita 18/03/23	Thiruv. 18/03/23	U 18/03/23	U 20/03/2023

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Doc. Name : Method for Enumeration of Yeast and Mould Count as per IS: 5403 : 1999

Doc. No.: 7.2/FF-16

Sect. No. 7.0

Section Title: Selection, Verification and Validation of Method

Issue No.: 01

Issue Date: 20.03.2023

Rev. No.: 00

FS0117033826
MDH Lal Mirchi Powder

Amend. No.:

Amend. Date: ...

Name of Sample :

Report No. :

Parameter : Yeast And Mould Count (t

Batch No. SP-005

Test Method : IS: 5403: 1999

Preparation of Test Sample:

Date & Time: 17-01-26 3:00

Inoculate 10 sample into 90 ml of 0.1 % peptone water and further serially dilute with 9 ml of 0.1% peptone water up to 10⁻² dilution.

Inoculation:

Take two sterile petri dishes, Transfer to each dish 0.1 ml volume from sample (in case of liquids) and from each prepared dilution into petri dishes. Pour about 12 ml to 15 ml of the Chloramphenicol Yeast Glucose Agar (CYGA) at 44 °C to 47 °C into each Petri dish.

Incubation:

Invert the prepared dishes and incubate at 25 °C ± 1 °C for 3-5 days

Observation:

Equipment ID	BOD Incubator 32 B (☒) 32 D () 32 F ()									
Media	CYGA									
Incubation	25 °C ± 1 °C for 3-5 days									
Date and Time	22-01-26 3:15									
Dilutions	10 ⁰	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁴	10 ⁻⁵	10 ⁻⁶	10 ⁻⁷	10 ⁻⁸	
Sample	Day3	nil	nil							
	Day4	nil	nil							
	Day5	nil	nil							
Medium Control	Colonies observed- Yes () No (☒)									
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures									
Result	10 cfu/g									

Tested By [Signature]
(Sign./ Date): 22/1/26

Checked By [Signature]
(Sign./ Date): 22/1/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Shrey Makenuly Asst. Tech manager	Pratibha Ranaul Tech manager	Mayank Sharma Executive QA
Signature & Date	Ruchita 15/03/23	Shrey 18/3/23	[Signature] 18/3/23	[Signature] 18/3/23

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Doc. Name : Method for Detection of Sulfite Reducing Clostridia as per ISO: 15213-1: 2023

Doc. No.: 7.2/FF-12

Sect. No. 7.0

Section Title: Selection, Verification and Validation of Method

Issue No.: 01

Issue Date: 10.04.2023

Rev. No.: 00

Rev. Date: ...

Amend. No.:

Amend. Date: ...

Name of Sample :



FS01170J3826

Report No. :

MDH Lal Mirchi Powder

Parameter : Sulfite Reducing C

Batch No. SP-00;

Test Method : ISO: 15213-1-2023

Preparation of Test Sample:

Date & Time: 17-01-26 3:00

Inoculate 10 sample into 90 ml of 0.1% peptone water or 3.4 percent to potassium dihydrogen phosphate. Heat shok prepared sample at 80°C for 10 min and immediately cool to approximately 20°C.

Inoculation:

Take two sterile petri dishes, transfer to each dish 0.1 ml volume from sample (in case of liquids) and from each prepared dilution into petri dishes. Pour about 12 ml to 15 ml of the modified Iron sulfite agar (ISA) at 44 °C to 47 °C into each Petridish.

Incubation:

Invert the prepared dishes and incubate at 37 °C for 48 h ±2h (Anaerobically).

Observation:

Equipment ID	Incubator 31 B (✓) 31 C () 31 D () 31 E ()
Media	Iron Sulphite Agar
Incubation	37 °C for 48 h ±2h (Anaerobically)
Date	19-01-26 3:15
Dilutions	10 ⁰ 10 ⁻¹ 10 ⁻² 10 ⁻³ 10 ⁻⁴ 10 ⁻⁵ 10 ⁻⁶ 10 ⁻⁷ 10 ⁻⁸
Sample	Characteristics colonies Observed
Medium Control	Colonies observed- Yes () No (✓)
Positive Control	Characteristics colonies Observed- Yes (✓) No ()
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures
Result	<10cfu/g
Characteristics Colonies on - Iron sulfite agar (ISA) - Black colour colonies.	

Tested By
(Sign./ Date): 19/1/26

Checked By
(Sign./ Date): 19/1/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Shilpy Mukherjee Asst. Tech Manager	Pratibha Rawat Tech. Manager	Pratibha Rawat Tech. Manager
Signature & Date	Ruchita 10/4/23	Shilpy 10/4/23	Pratibha 10/4/22	Pratibha 10/4/22

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Doc. Name : Method for Detection of Bacillus cereus as per IS 5887 (Part-6): 2012

Doc. No.: 7.2/TF-01

Sect. No. 7.0

Section Title: Selection, Verification and Validation of Method

FS0117003826

Issue No.: 01

Issue Date: 20.03.2023

MDH Lal Mirchi Powder

Amend. No.:

Amend. Date: ...

Name of Sample :

Report No. :

Batch No. SP-006

Parameter : Bacillus cereus (Detection)

Test Method : IS 5887 (P-6):2012

Preparation of test sample:

Date & Time: 17-01-26 3:00

Take 10 sample into ml of 0.1 % peptone water and further serially dilute with 9 ml of 0.1 % peptone water up to 10⁻² dilution.

Inoculation:

Transfer 0.1 ml volume of prepared sample from each dilution onto prepared MYP agar plate / plates. Quickly spread the inoculums over the surface of agar. Leave the plates with lid at ambient temperature for 15 min.

Incubation:

Invert plates and Incubate at 30 °C for 18-24 or 48 hours.

Observation:

Equipment ID	Incubator 31 B () 31 C () 31 D (✓) 31 E ()												
Media	MYPA												
Dilution	10 ⁰			10 ⁻¹			10 ⁻²			10 ⁻³			
Inoculum	0.3ml	0.3 ml	0.4 ml	0.3 ml	0.3 ml	0.4 ml	0.3 ml	0.3 ml	0.4 ml	0.3 ml	0.3 ml	0.4 ml	
Incubation	30 °C for 18-24h +24 h												
Date and Time	19-01-26 3:15												
Characteristics colonies Observed (Yes/No)													
Observation	Sample				No	No	No	No	No	No			
	Medium Control	Colonies observed - Yes () No (✓)											
	Positive Control	Characteristics colonies Observed - Yes (✓) No ()											
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures												
Result	210 CFU/gm												
Colony characteristic on- Mannitol egg Yolk Polymyxin agar- Large pink with zone of precipitation around the colonies.													

Note: If typical colonies observed on to selective medium further confirm with Biochemical confirmation tests.

Tested By: [Signature]
(Sign./ Date): 19/1/26

Checked By: [Signature]
(Sign./ Date): 19/1/26

	Prepared by	Reviewed by	Approved by	Issued by
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Doc. Name : Method for Enumeration of Total Plate Count as per IS: 5402, Part-I :2021

Doc. No.: 7.2/FF-13

Sect. No. 7.0

Section Title: Selection, Verification and Validation of Method

Issue No.: 01

Issue Date: 20.03.2023

FS0117003826
MDH Lal Mirchi Powder

Amend. No.:

Amend. Date: ...

Name of Sample :

Report No. :

Batch No. SP-006

Parameter : Total Plate Count (E)

Test Method : IS: 5402 (P-1): 2021

Preparation of Test Sample:

Take 10^{-1} sample into 90 ml of 0.1 % peptone water and further serially dilute with 9ml of 0.1% peptone water up to dilution 10^{-3} . Date & Time: 20/11/26 3:00

Inoculation:

Take two sterile petri dishes. Transfer to each dish..... ml volume from sample (in case of liquids) and from each prepared dilution into petri dishes. Pour about 12 ml to 15 ml of the plate count agar (PCA) at 44 °C to 47 °C into each Petri dish.

Incubation:

Invert the prepared dishes and incubate at 30 °C ± 1 °C for 72 h ± 3.

Observation:

Equipment ID	Incubator 31 B () 31 C () 31 D (✓) 31 E ()								
Media	PCA								
Incubation	30°C for 72 hours								
Date and Time	20/11/26 3:10								
Dilutions	10^0	10^{-1}	10^{-2}	10^{-3}	10^{-4}	10^{-5}	10^{-6}	10^{-7}	10^{-8}
Sample	—	110	11	Nil	←				
	—	105	10	Nil					→
Medium Control	Colonies Observed- Yes () No ()								
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d} = \frac{110 + 105 + 11 + 10}{2.2} \times 10 = 1072$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 30-300 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures								
Result	1072 cfu/gm $\approx 1.07 \times 10^3$ cfu/g								

Tested By
(Sign./ Date): 20/11/26

Checked By
(Sign./ Date): 20/11/26

Prepared by	Reviewed by	Approved by	Issued by
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